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1
F765Fo
Toiyabe
Reserve

Flat
Folio

U. S. Department of Agriculture
FOREST SERVICE
GIFFORD PINCHOT, Forester

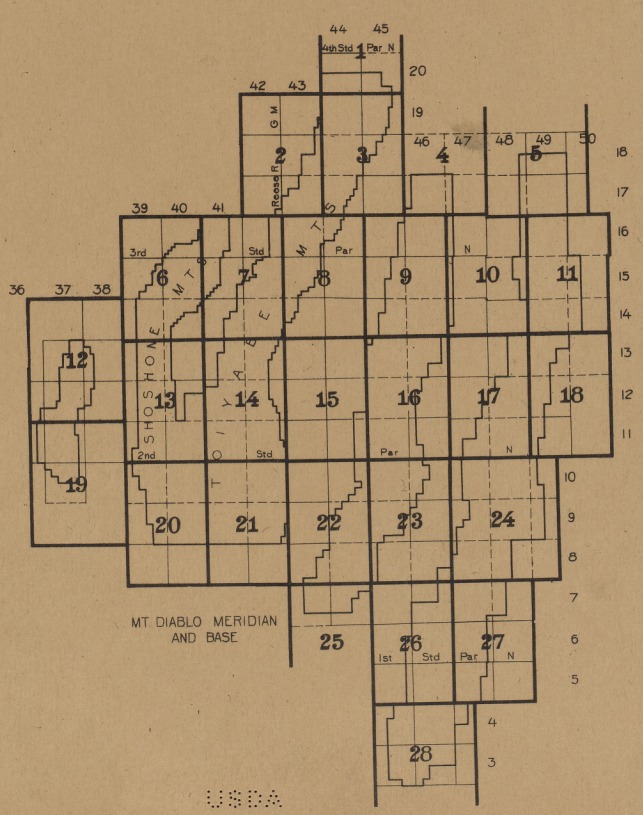
FOREST ATLAS

OF THE

NATIONAL FORESTS OF THE UNITED STATES

TOIYABE

FOLIO



USDA
LIB

COMPILED AND PRINTED BY THE U. S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

FOREST ATLAS LEGEND PAGE

GENERAL CLASSIFICATION

Commercial Timber

- Less than 2,000 B.F. per acre
- 2,000 to 5,000 B.F. per acre
- 5,000 to 10,000 B.F. per acre
- 10,000 to 25,000 B.F. per acre
- 25,000 to 50,000 B.F. per acre

- Woodland, cordwood, poles, etc.
- Chaparral or brush
- Sagebrush
- Grassland, parks, etc.
- Barren, above timber line, etc.
- Desert
- Burn, not restocking
- Burn, scattering trees or restocking
- Burn, forest cover established (The color indicates the stand)
- Windfall
- Bug-killed or diseased
- Old cutting, less than $\frac{1}{3}$ of the merchantable timber removed
- Old cutting, $\frac{1}{3}$ to $\frac{2}{3}$ of the merchantable timber removed
- Old cutting, $\frac{2}{3}$ to all of the merchantable timber removed

- Timber sales, less than $\frac{1}{3}$ of the merchantable timber removed
- Timber sales, $\frac{1}{3}$ to $\frac{2}{3}$ of the merchantable timber removed
- Timber sales, $\frac{2}{3}$ to all of the merchantable timber removed

- Cultivated
- Irrigated

TITLE

- (A) State lands, approved
- (○) State lands, not approved
- I Indian allotments
- L Lieu selections
- PB Pending base
- RP Railway lands, patented
- R Railway lands, not patented
- HP Homesteads, patented
- H Homesteads, not patented
- CE Cash entry
- T Timber and stone
- C Coal entry
- D Desert entry
- TE Townsite entry

- Mineral lode claims, patented
- P Mineral placer claims, patented
- M Mineral mill site, patented
- MC Mineral classification

GRAZING MAP LEGEND

- Supervisor's headquarters
- Supervisor's division
- Ranger's division
- Grazing districts
- Open for all stock
- Open for cattle and horses only
- Open for sheep and goats only
- Closed for all stock
- Lambing grounds
- Driveways for stock
- Corral

CONVENTIONAL SIGNS

- Block line
- Compartment line, sales
- Boundary line for all other classifications
- Grant line
- Telegraph line
- Telephone line
- Power line
- Pipe line
- Aqueduct
- Railroad
- Tramway
- Wire rope conveyor
- Wagon road
- Secondary or private road
- Pack trail
- Foot trail
- Fire line
- Fence
- Ditch
- Flume
- Slide
- Log driving route
- Rollway
- Skidway
- Bridge
- Ferry
- Ford
- Experimental nursery (area)
- Experimental nursery (location)
- Permanent nursery (area)
- Permanent nursery (location)
- Forested by natural seeding
- Forested by artificial seeding } For planting maps
- Forested by planting
- Location of Silvical experiments
- Corral
- Supervisor's headquarters
- Ranger's headquarters, no house
- Ranger's headquarters, with house
- House
- Railroad station
- Stage station
- Power station
- Hotel
- Store
- School
- Church
- Cemetery
- TEL. Telegraph office
- TLP. Telephone office
- Cabin
- Dairy
- Logging camp
- Sawmill, portable
- Sawmill, stationary
- Grist mill
- Grist and sawmill
- Apiary
- Windmill
- Well
- Quarry or gravel pit
- Mine location, unpatented
- Mine shaft
- Triangulation station
- B.M. 1232 Bench mark.

ALPHA-NUMERIC SYMBOLS FOR WESTERN COMMERCIAL TREE SPECIES

These will be used on maps, where limited space makes necessary, in the following manner:

D129=Pseudotsuga taxifolia, average stand 29,000 B.M. per acre

$Q\frac{6}{12}$=Quercus agrifolia, average stand 12 cords per acre

$T\frac{6}{7}$=Thuja plicata, average stand 7 tele-poles per acre

PO	Pinus contorta (murrayana)	Lodgepole Pine
1	flexilis	Limber Pine
2	monticola	Western White Pine
3	lambertiana	Sugar Pine
4	ponderosa	Yellow Pine
5	coulteri	Coulter Pine
6	sabiniana	Gray Pine
7	jeffreyi	Jeffrey Pine
8	radiata	Monterey Pine
9	attenuata	Knobcone Pine
B2	strobiformis	Mexican White Pine
5	albicaulis	White-bark Pine
6	torreyana	Torrey Pine
7	edulis	Pinon
9	monophylla	Single-leaf Pinon
AI	Abies magnifica	Magnificent Fir
2	concolor	White Fir
3	shastensis	Shasta Fir
4	nobilis	Noble Fir
5	lasiocarpa	Alpine Fir
6	grandis	Lowland Fir
7	arizonica	Arizona Cork Fir
8	amabilis	Lovely Fir
9	venusta	Bristle-cone Fir
S2	Picea engelmanni	Engelmann Spruce
3	parryana	Blue Spruce
5	breweriana	Weeping Spruce
6	sitchensis	Sitka Spruce
DI	Pseudotsuga taxifolia	Douglas Fir (Red)
5	macrocarpa	Bigcone Spruce
H5	Tsuga mertensiana	Black Hemlock
6	heterophylla	Western Hemlock
RI	Sequoia sempervirens	Redwood
5	washingtoniana	Bigtree
C5	Chamæcyparis nootkatensis	Yellow Cedar
6	lawsoniana	Port Orford Cedar
T6	Thuja plicata	Red Cedar
L5	Larix lyallii	Alpine Larch
7	occidentalis	Western Larch
O5	Libocedrus decurrens	Incense Cedar
K5	Cupressus macnabiana	Macnab Cypress
6	macrocarpa	Monterey Cypress
7	arizonica	Arizona Cypress
8	goveniana	Gowen Cypress
JI	Juniperus utahensis	Utah Juniper
2	pachyphlœa	Alligator Juniper
4	occidentalis	Western Juniper
5	sabinoides	Mountain Juniper
7	californica	California Juniper
9	monosperma	One-seed Juniper
QO	Quercus chrysolepis	Canyon Live Oak
1	californica	California Black Oak
2	lobata	California White Oak
3	douglasii	Blue Oak
4	garryana	Pacific Post Oak
5	wislizeni	Highland Oak
6	agrifolia	California Live Oak
7	gambelii	Gambel Oak
8	densiflora	California Tanbark Oak
9	engelmanni	Engelmann Oak
M2	Acer macrophyllum	Oregon Maple
5	glabrum	Dwarf Maple
9	negundo californicum	California Boxelder
WO	Populus trichocarpa	Black Cottonwood
2	fremontii	Fremont Cottonwood
5	tremuloides	Aspen
7	angustifolia	Narrowleaf Cottonwood
FI	Fraxinus pennsylvanica	Red Ash
6	oregona	Oregon Ash
8	lanceolata	Green Ash
UI	Prunus demissa	Western Choke Cherry
Y7	Platanus wrightii	Arizona Sycamore
8	racemosa	California Sycamore
XO	Salix lasiandra	Western Black Willow
2	sessilifolia	Silverleaf Willow
9	amygdaloides	Almondleaf Willow

U.S. Improvements made by the United States are marked U. S.

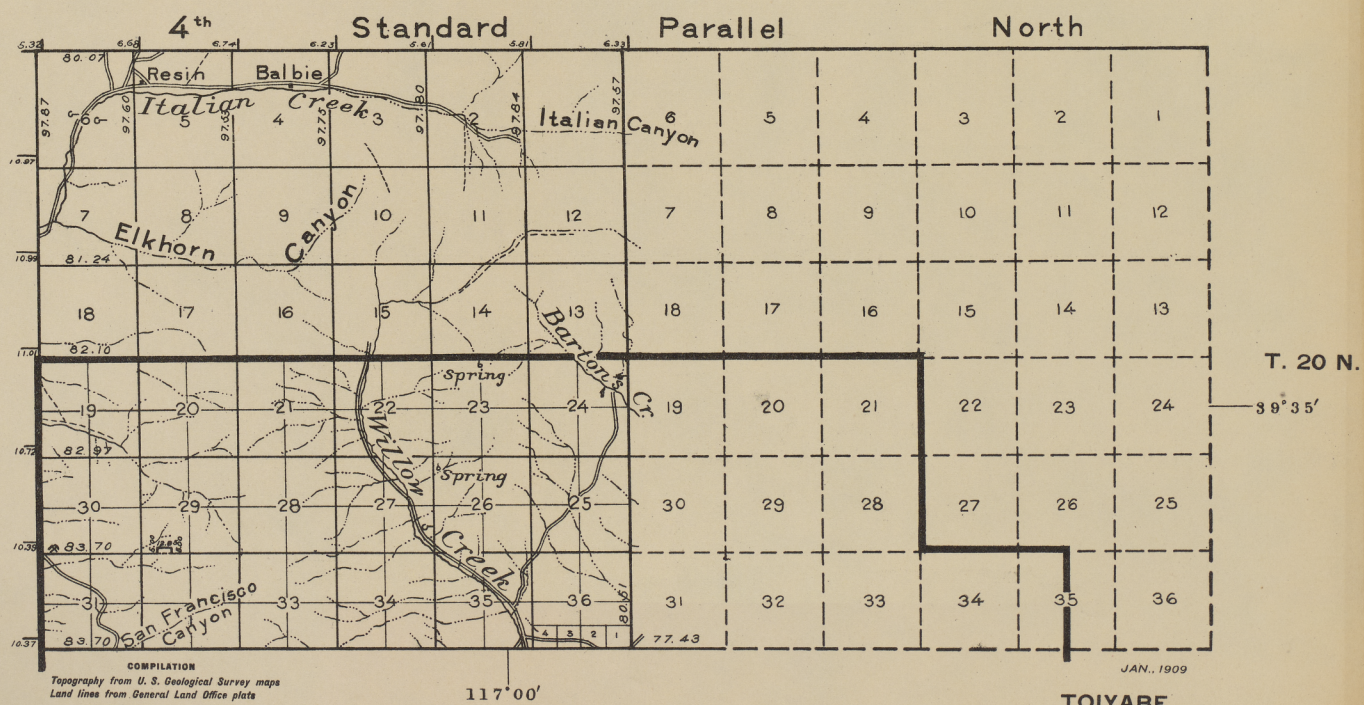
Proposed improvements are shown by the appropriate sign and designated by "Proposed" on the margin of the maps

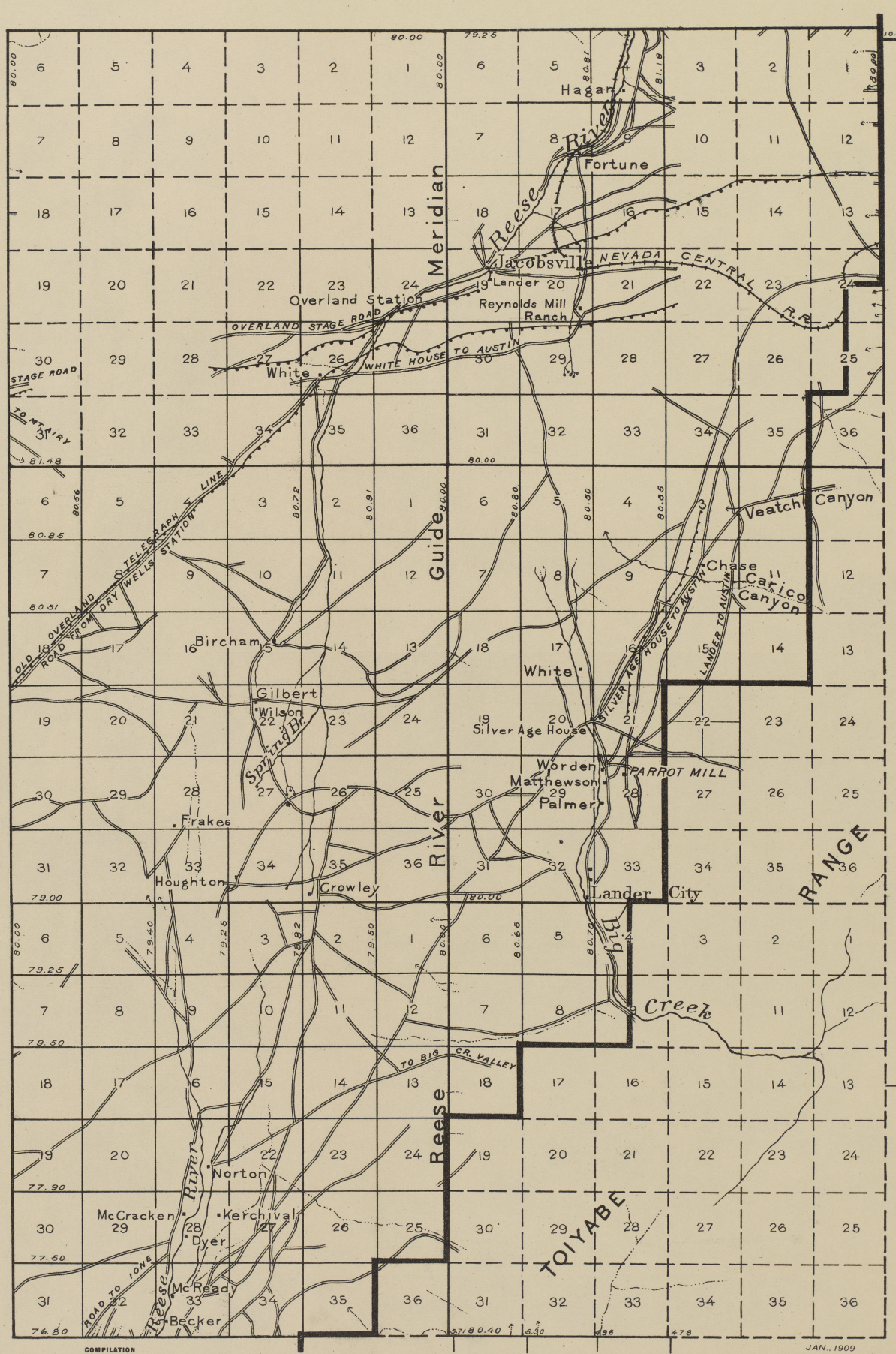
Abandoned improvements are shown by zeros O O O O and designated on the margin of the maps

Additional buildings may be shown by using the house sign (▪) with a written designation; thus:

- ▪ Slaughter house
- ▪ Livery barn
- ▪ Sanatarium

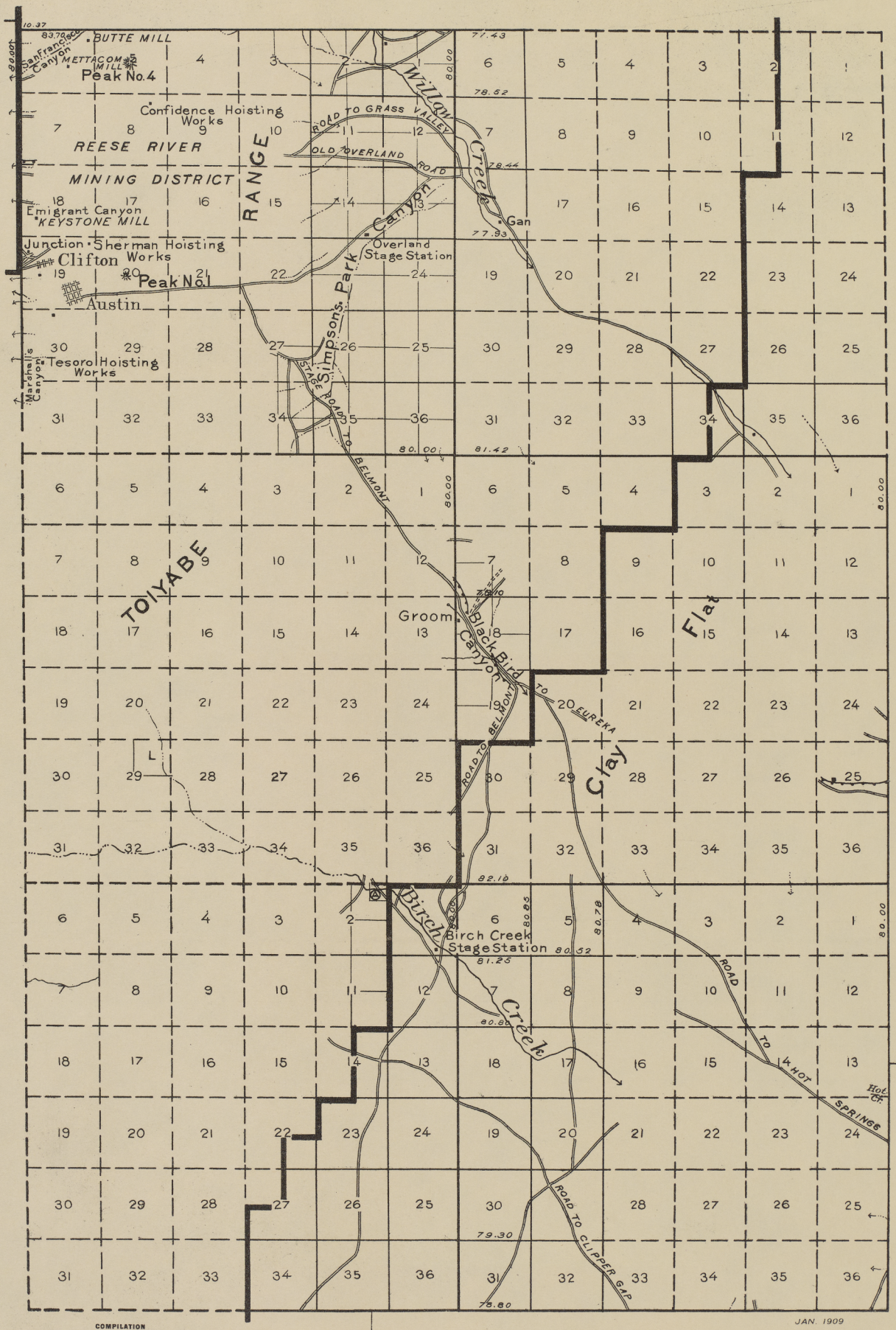
etc., etc.

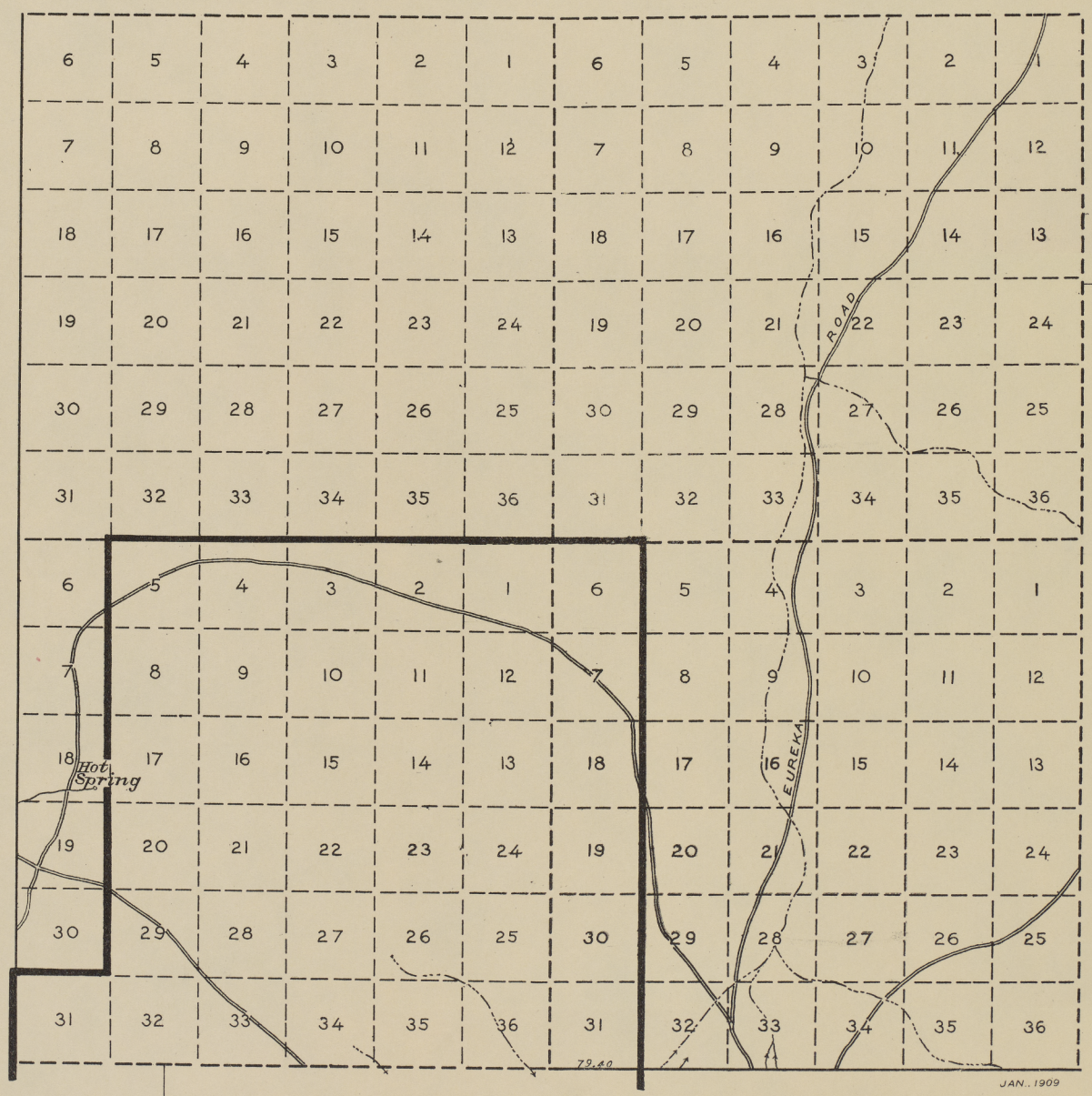

4th Standard Parallel North
Resin
Balbie
Italian Creek
Italian Canyon
Elkhorn Canyon
Barton's Cr.
Spring
Spring
Willow Creek
San Francisco Canyon
T. 20 N.
39°35′
117°00′
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909
TOIYABE
R. 44 E.
R. 45 E.



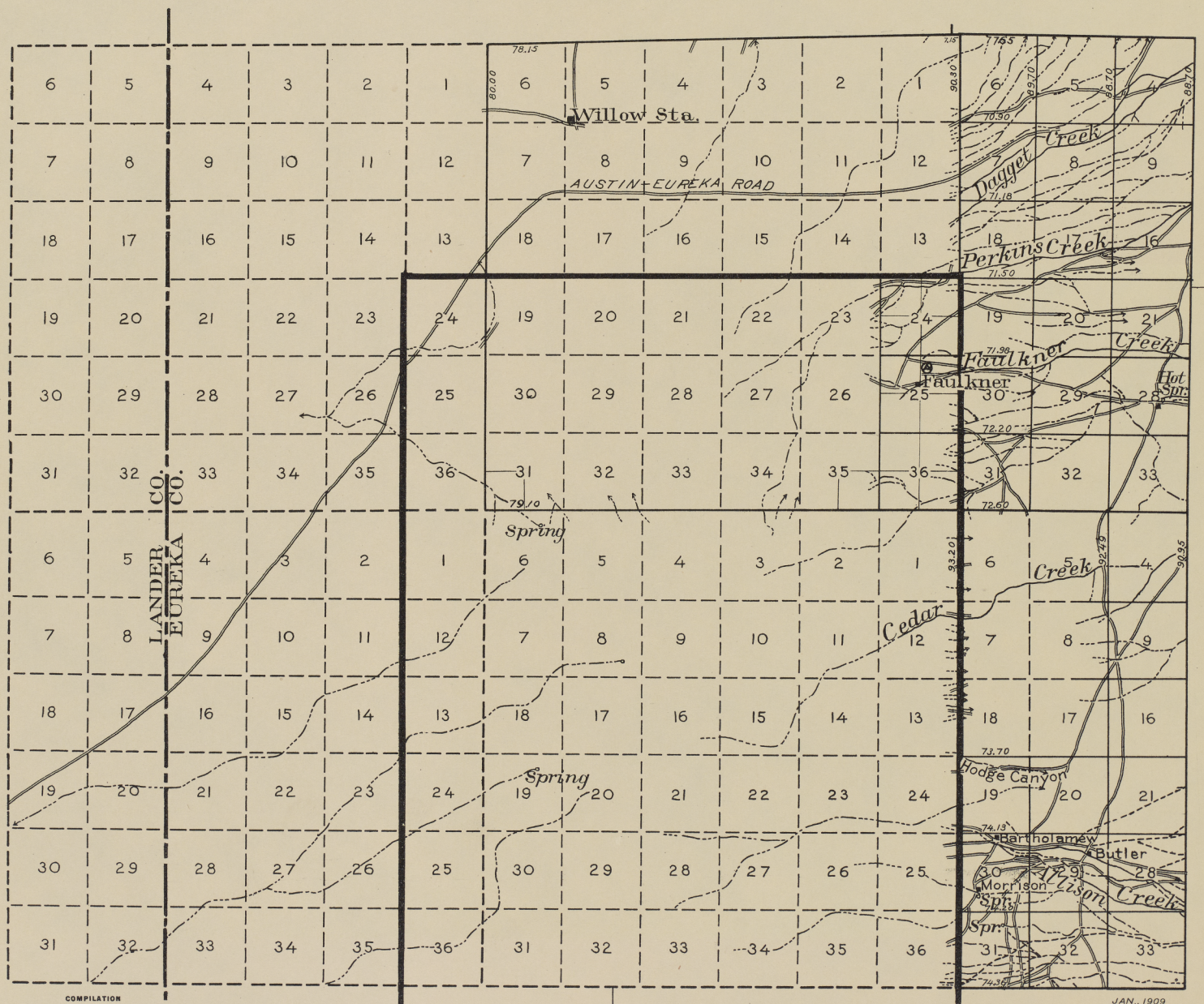
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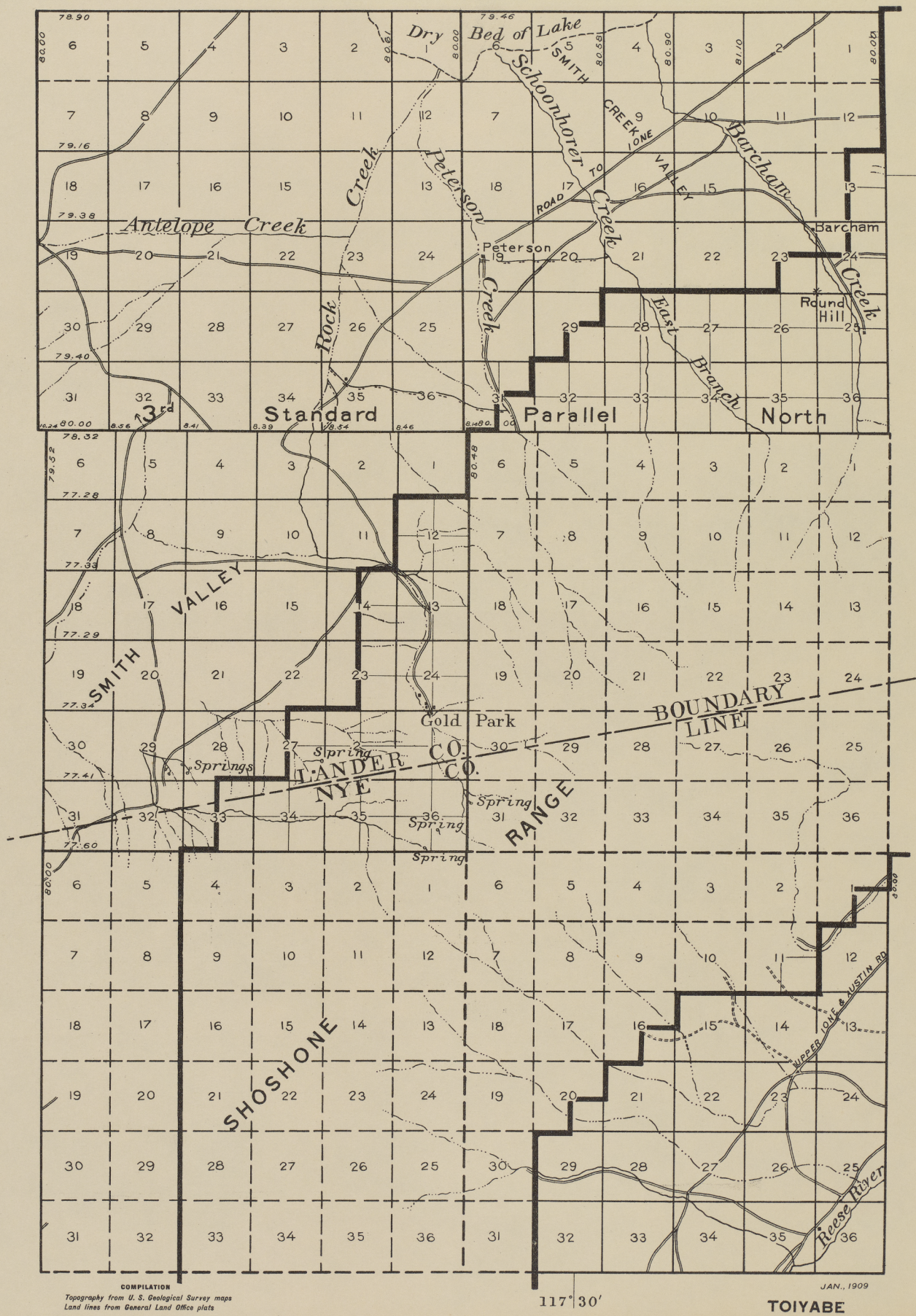
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

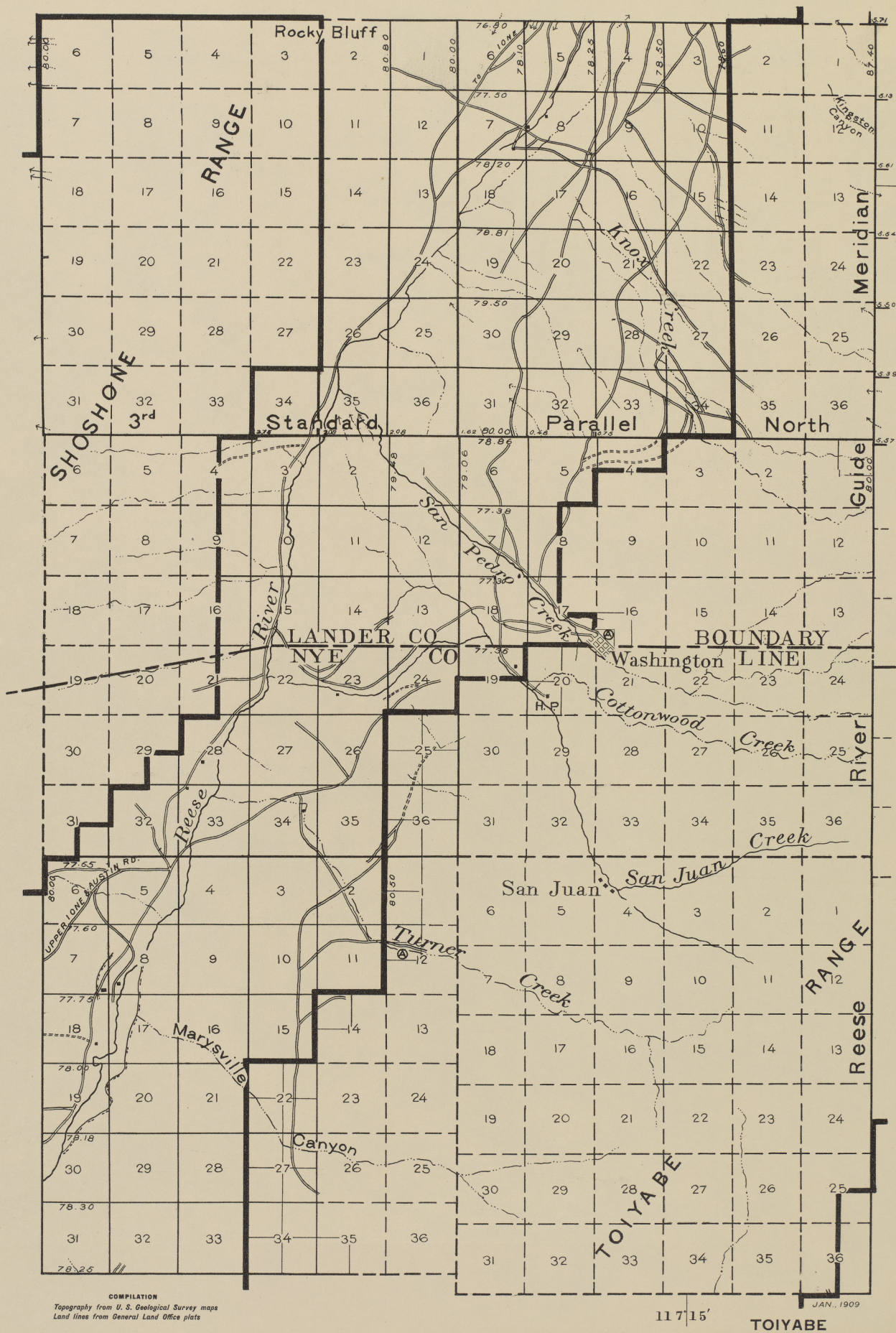

BUTTE MILL
Peak No.4
METTACOM MILL
Confidence Hoisting Works
REESE RIVER
MINING DISTRICT
Emigrant Canyon
KEYSTONE MILL
Junction
Sherman Hoisting Works
Clifton
Peak No.1
Austin
Tesoro Hoisting Works
Marshall's Canyon
RANGE
TOIYABE
ROAD TO GRASS VALLEY
OLD OVERLAND ROAD
Willow Creek
Gan
Overland Stage Station
Simpsons Park Canyon
STAGE ROAD TO BELMONT
Groom
Black Bird Canyon
ROAD TO BELMONT
TO EUREKA
Clay Flat
Birch Creek
Birch Creek Stage Station
ROAD TO HOT SPRINGS
ROAD TO CLIPPER GAP
T. 19 N.
T. 18 N.
T. 17 N.
39° 20′
117° 00′
R. 44 E.
R. 45 E.
TOIYABE
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN. 1909



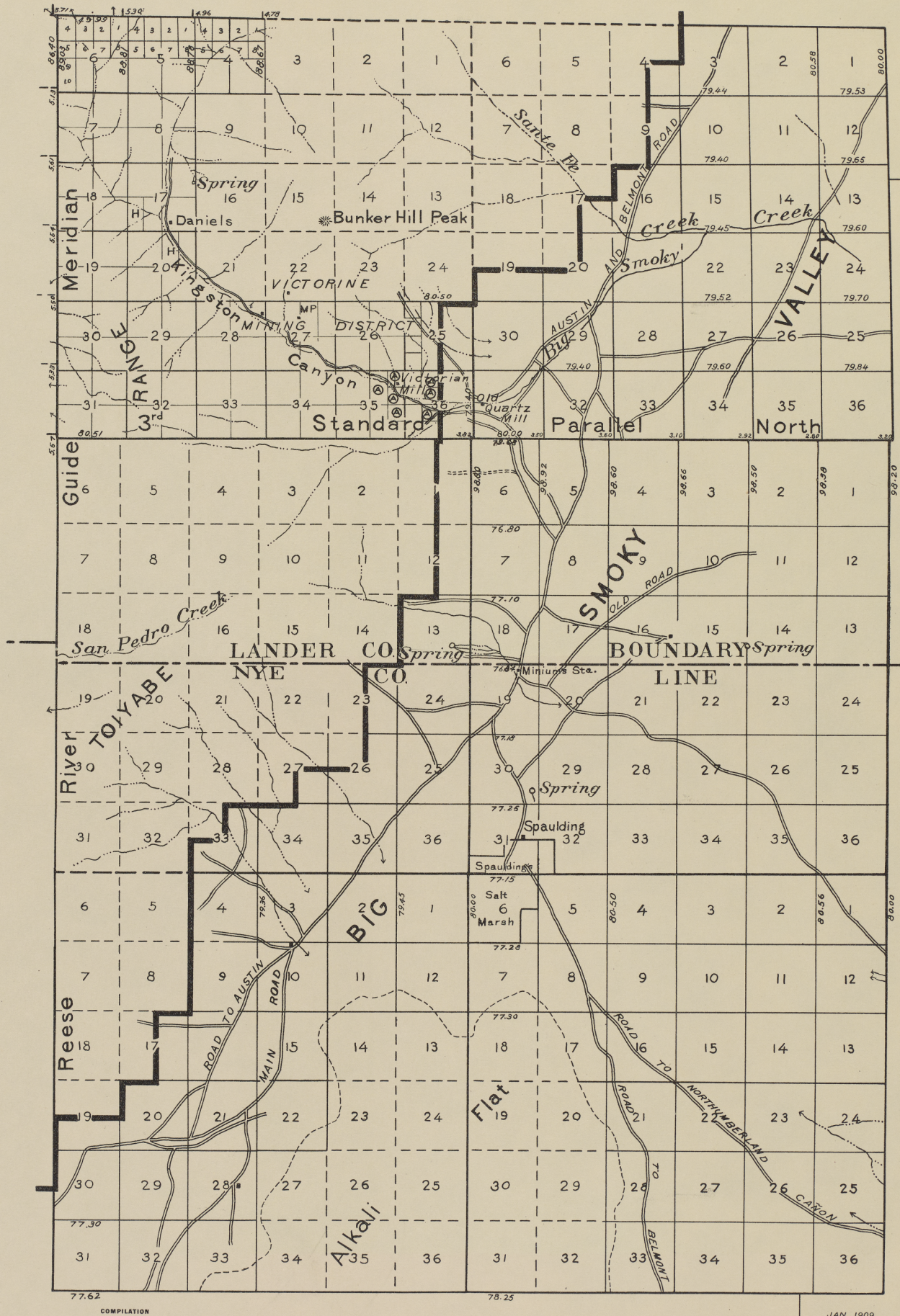
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats


Willow Sta.
AUSTIN-EUREKA ROAD
Dagget Creek
Perkins Creek
Faulkner
Faulkner Creek
Hot Spr.
Spring
Cedar Creek
Spring
Hodge Canyon
Bartholamew
Butler
Morrison
Spr.
Spr.
Allison Creek
LANDER CO.
EUREKA CO.
T. 18 N.
39° 25'
T. 17 N.
116° 30'
R. 48 E.
R. 49 E.
TOIYABE
R. 50 E.
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909


Dry Bed of Lake
Schoonhoret to Smith Creek Valley
Barcham Creek
Peterson Creek
Rock Creek
Antelope Creek
Barcham
Peterson
Round Hill
East Branch
3rd Standard Parallel North
T. 16 N.
39°15'
Smith Valley
Gold Park
Spring
Springs
LANDER CO.
NYE CO.
BOUNDARY LINE
RANGE
T. 15 N.
SHOSHONE
Upper Lone & Austin Rd
Reese River
T. 14 N.
117°30'
R. 39 E.
R. 40 E.
TOIYABE
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909

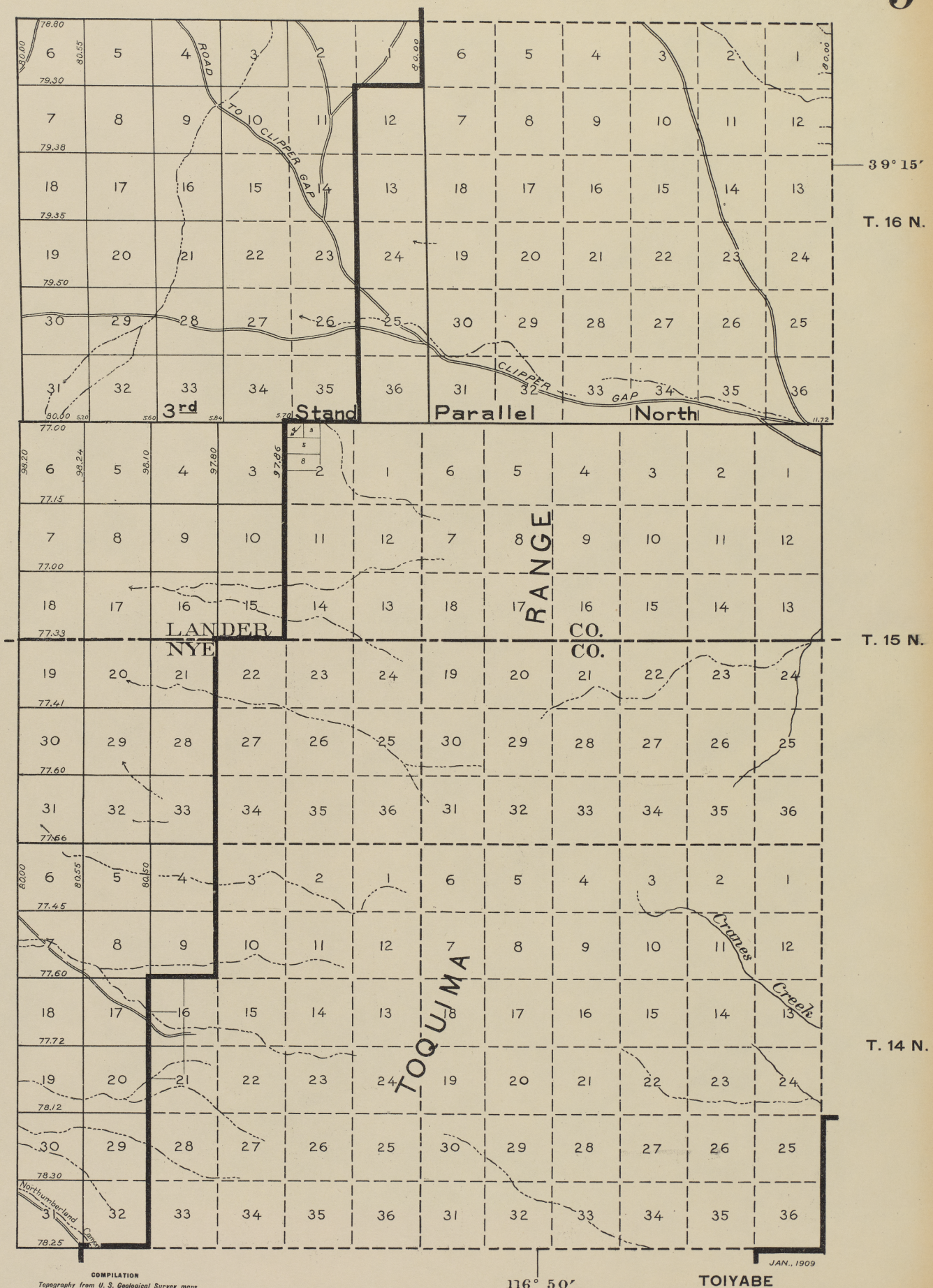


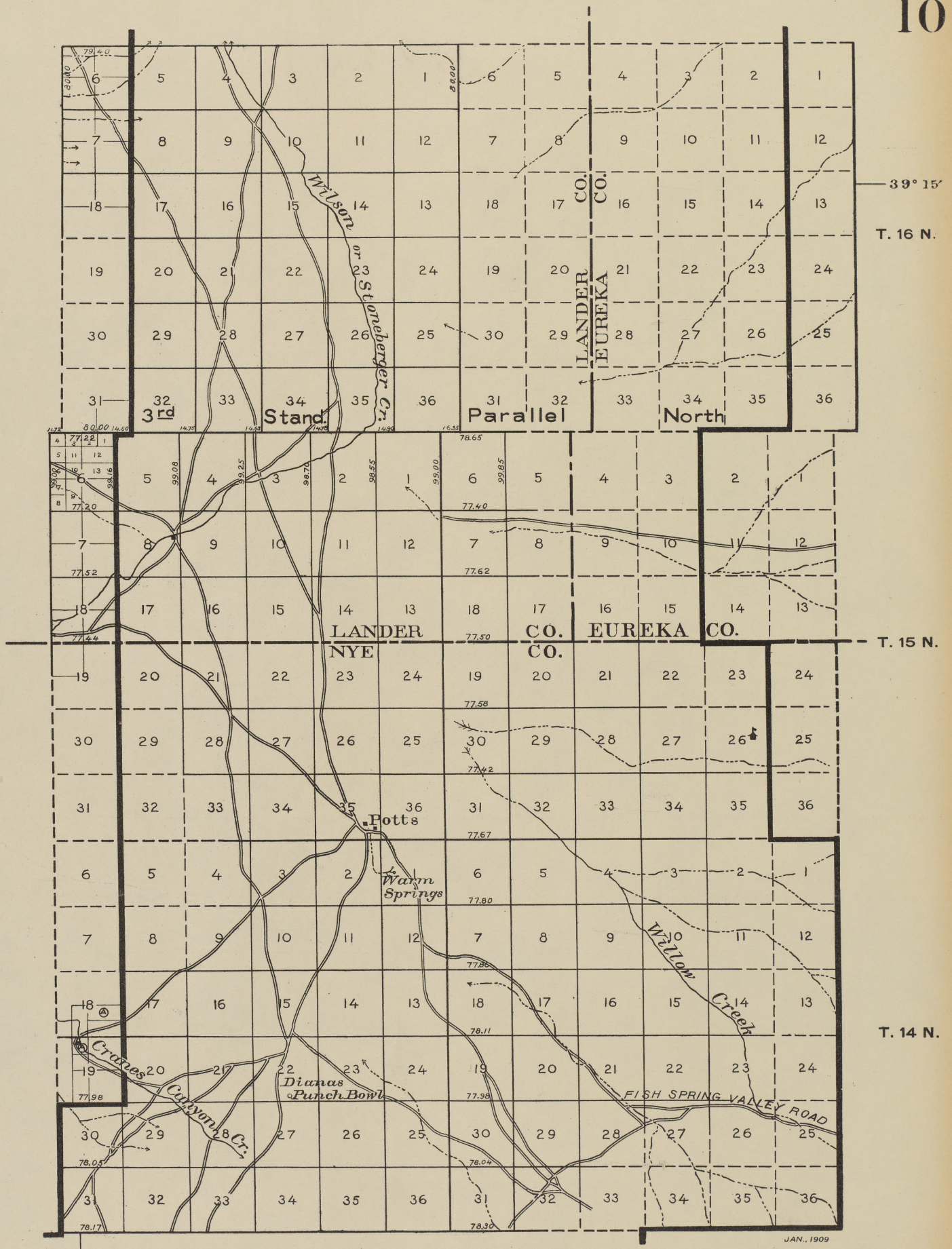
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Land lines from General Land Office plats

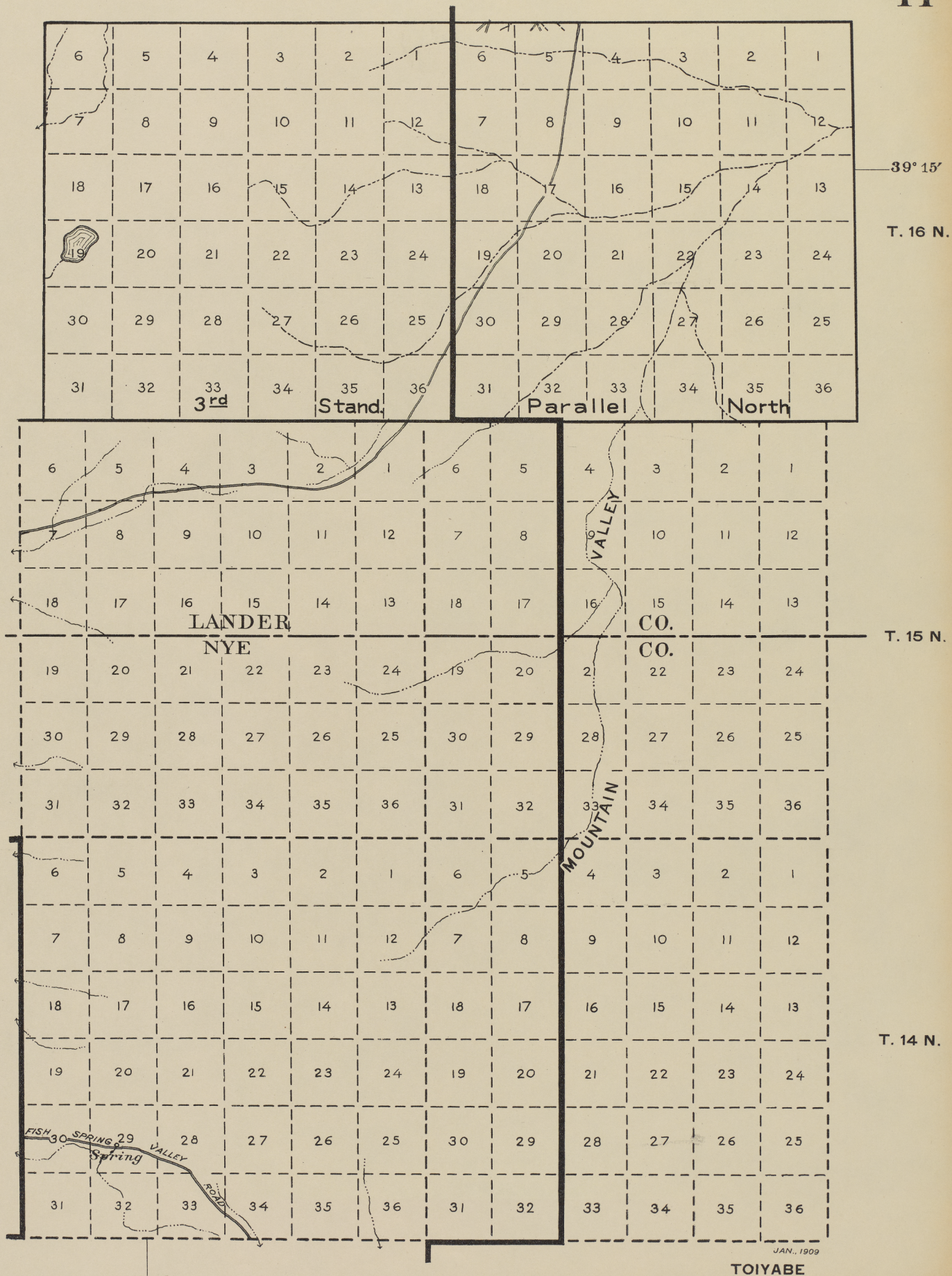


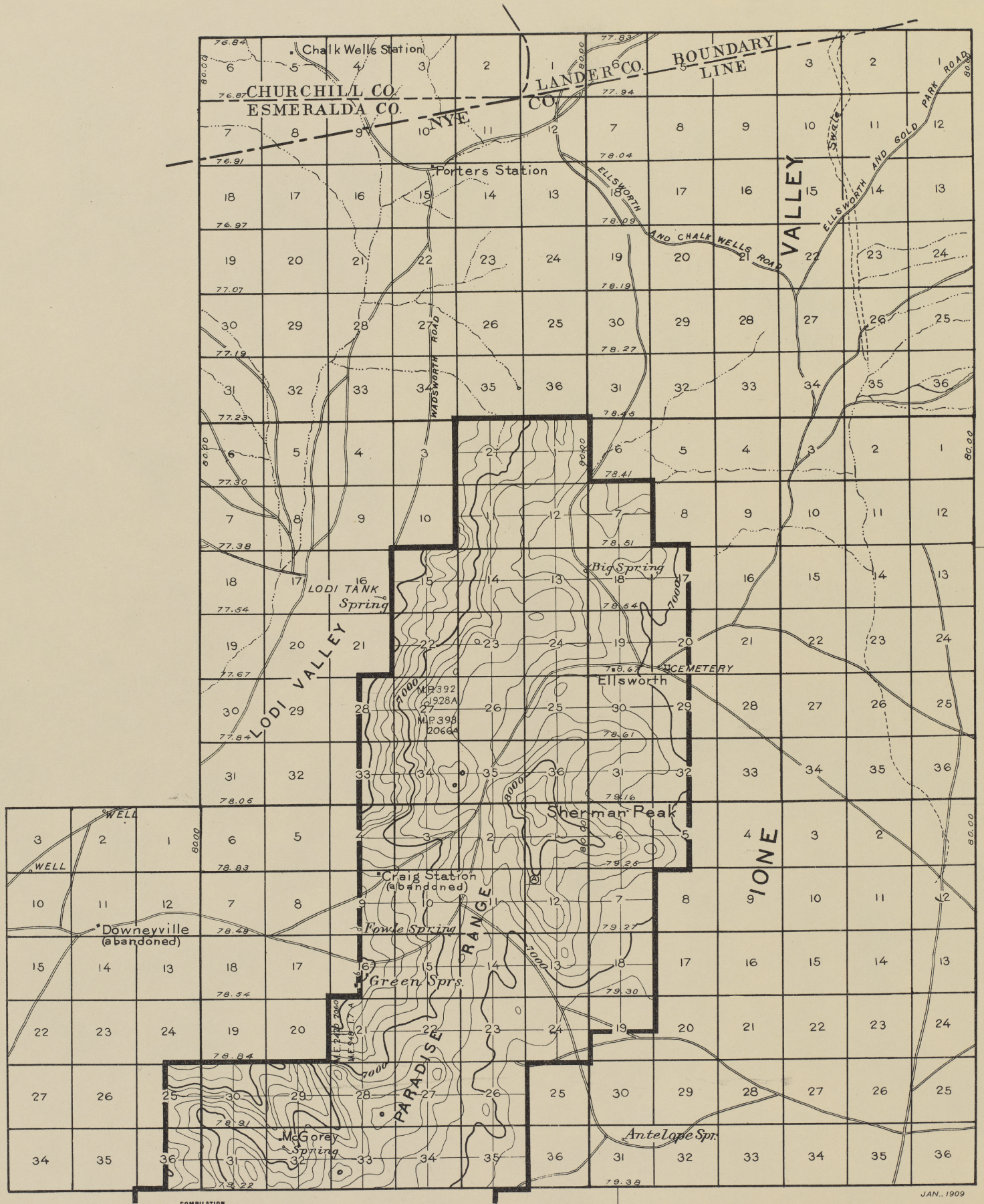
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Land lines from General Land Office plats

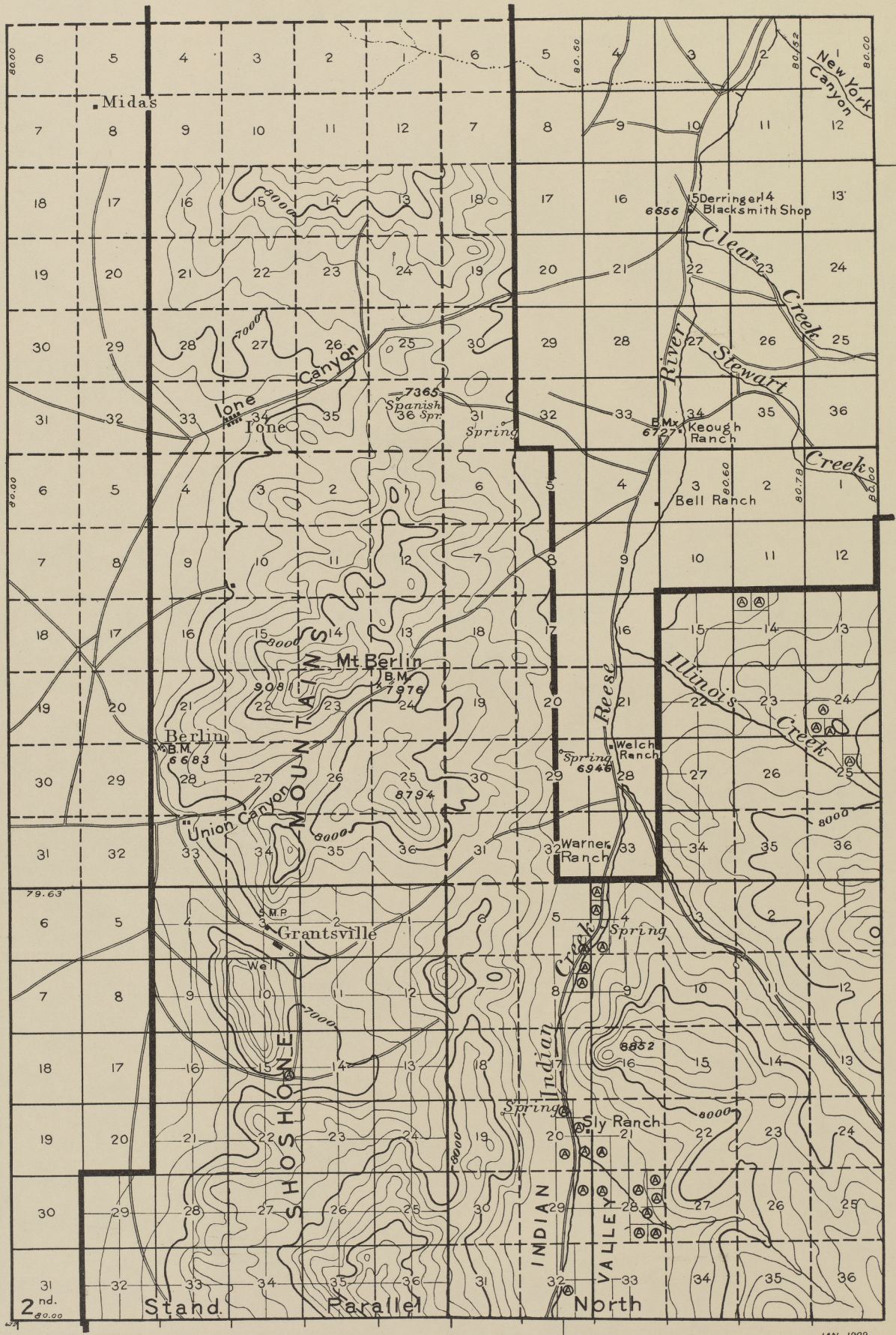
JAN., 1909

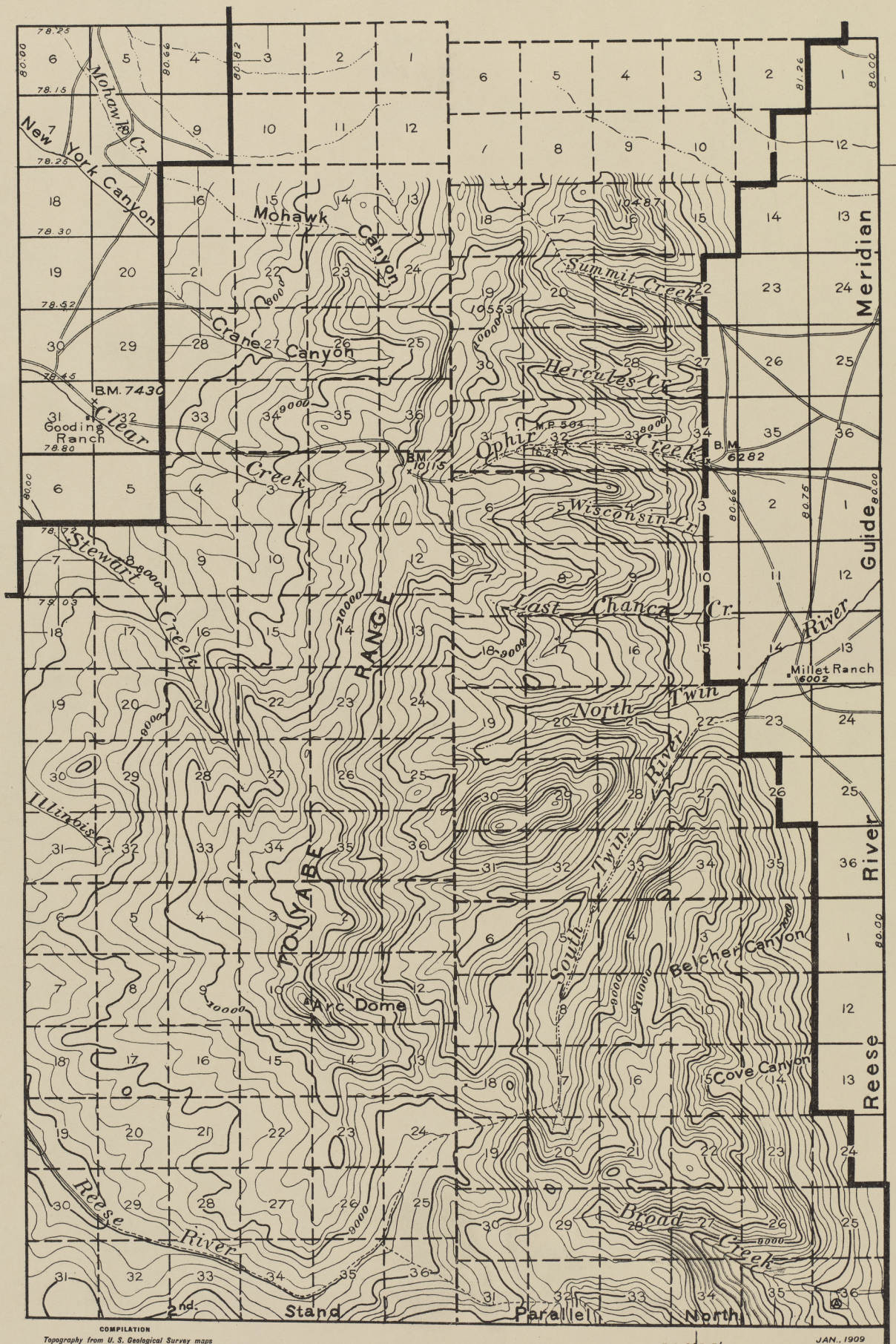

3rd Stand Parallel North
ROAD TO CLIPPER GAP
CLIPPER GAP
LANDER CO.
NYE CO.
TOQUIMA RANGE
Cranes Creek
Northumberland Canyon
39° 15'
T. 16 N.
T. 15 N.
T. 14 N.
116° 50'
TOIYABE
R. 45 E.
R. 46 E.
JAN., 1909
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

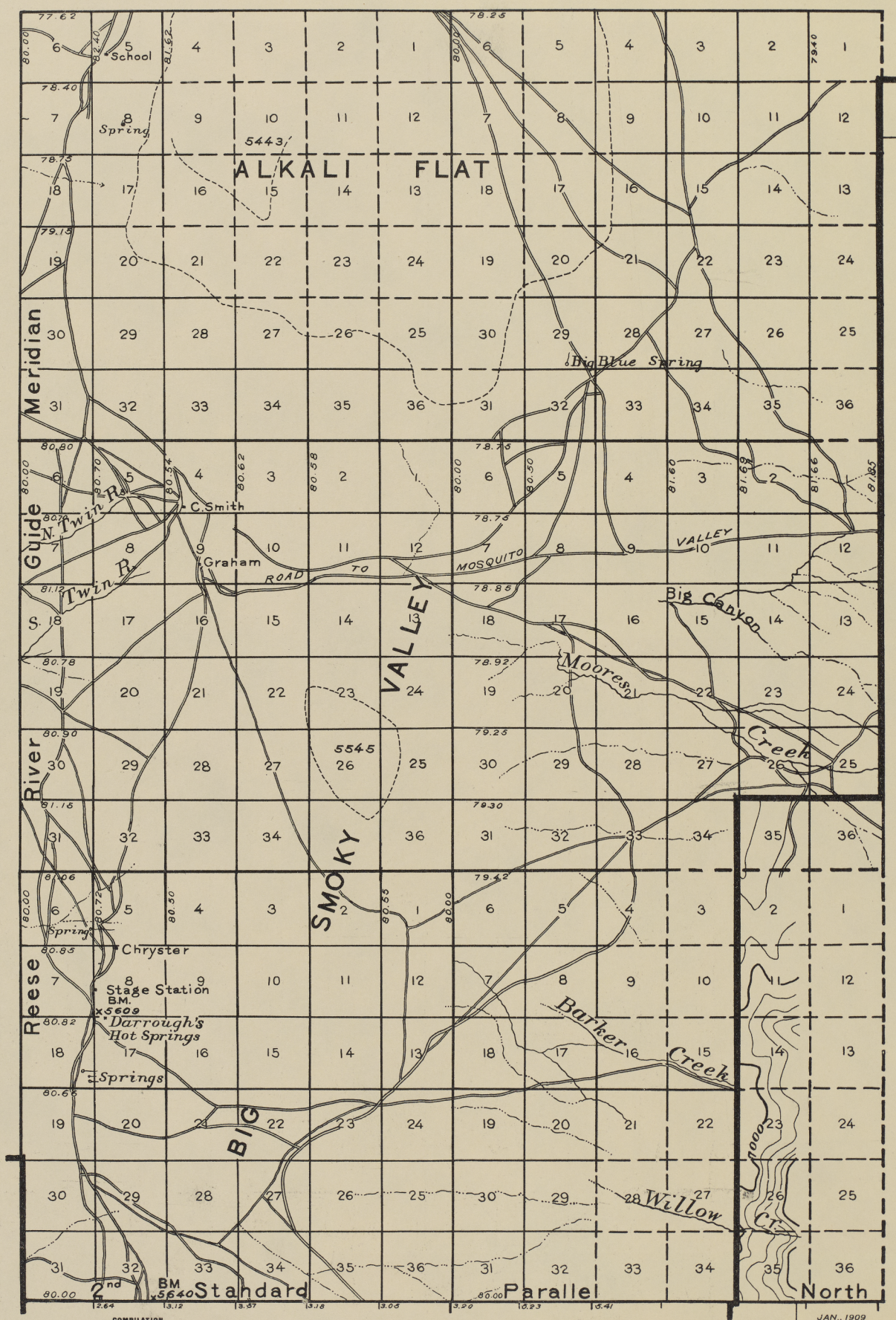

39° 15′
T. 16 N.
T. 15 N.
T. 14 N.
LANDER CO.
EUREKA CO.
NYE CO.
3rd Stand. Parallel North
Wilson or Stoneberger Cr.
Potts
Warm Springs
Willow Creek
Cranes Canyon Cr.
Dianas Punch Bowl
FISH SPRING VALLEY ROAD
JAN., 1909
TOIYABE
116° 45′
R. 47 E.
R. 48 E.
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

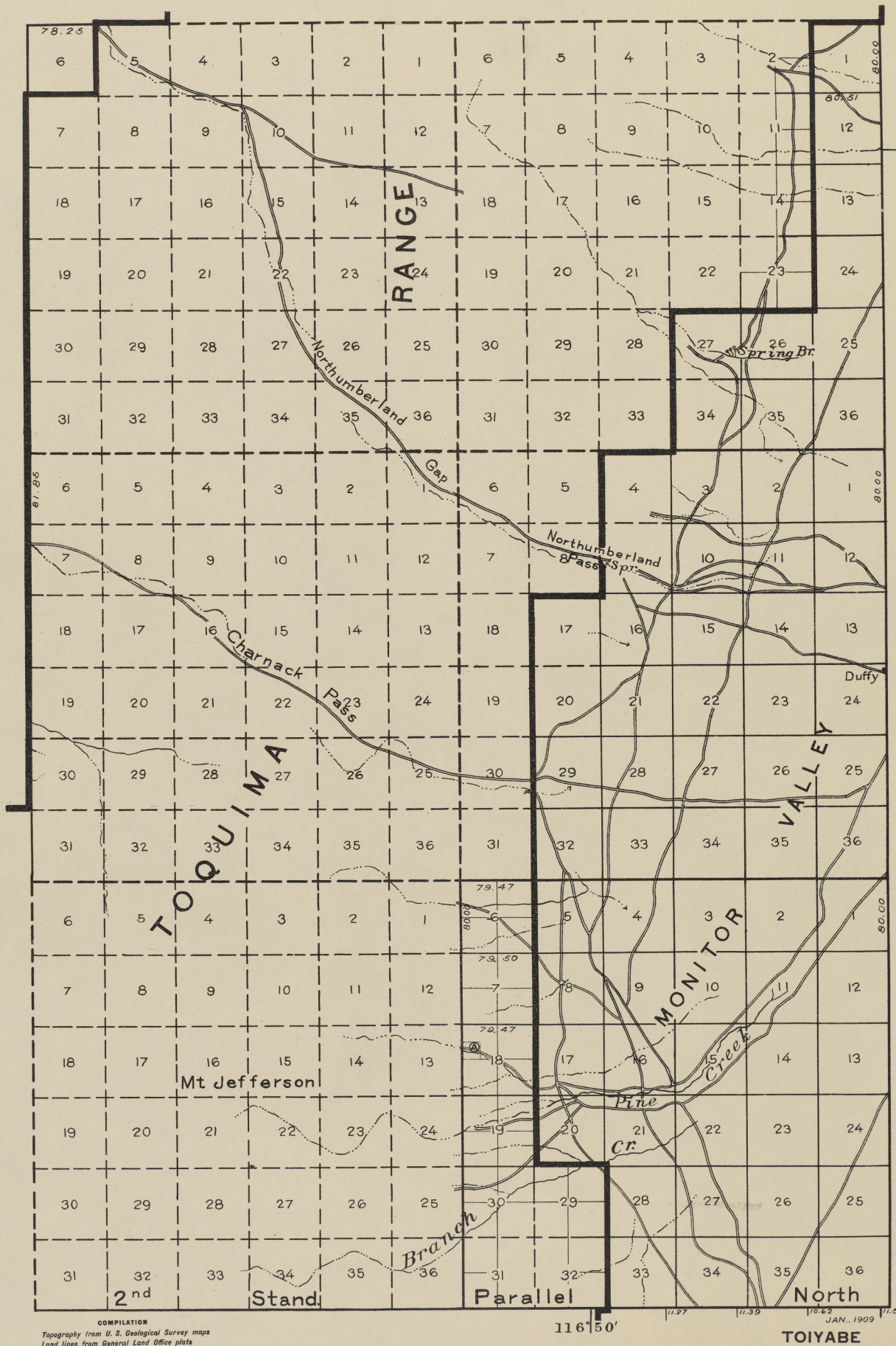

3rd Stand. Parallel North
39° 15′
T. 16 N.
LANDER
NYE
CO.
CO.
T. 15 N.
VALLEY
MOUNTAIN
T. 14 N.
FISH SPRING VALLEY
Spring
ROAD
JAN., 1909
TOIYABE
116° 30′
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
R. 49 E.
R. 50 E.

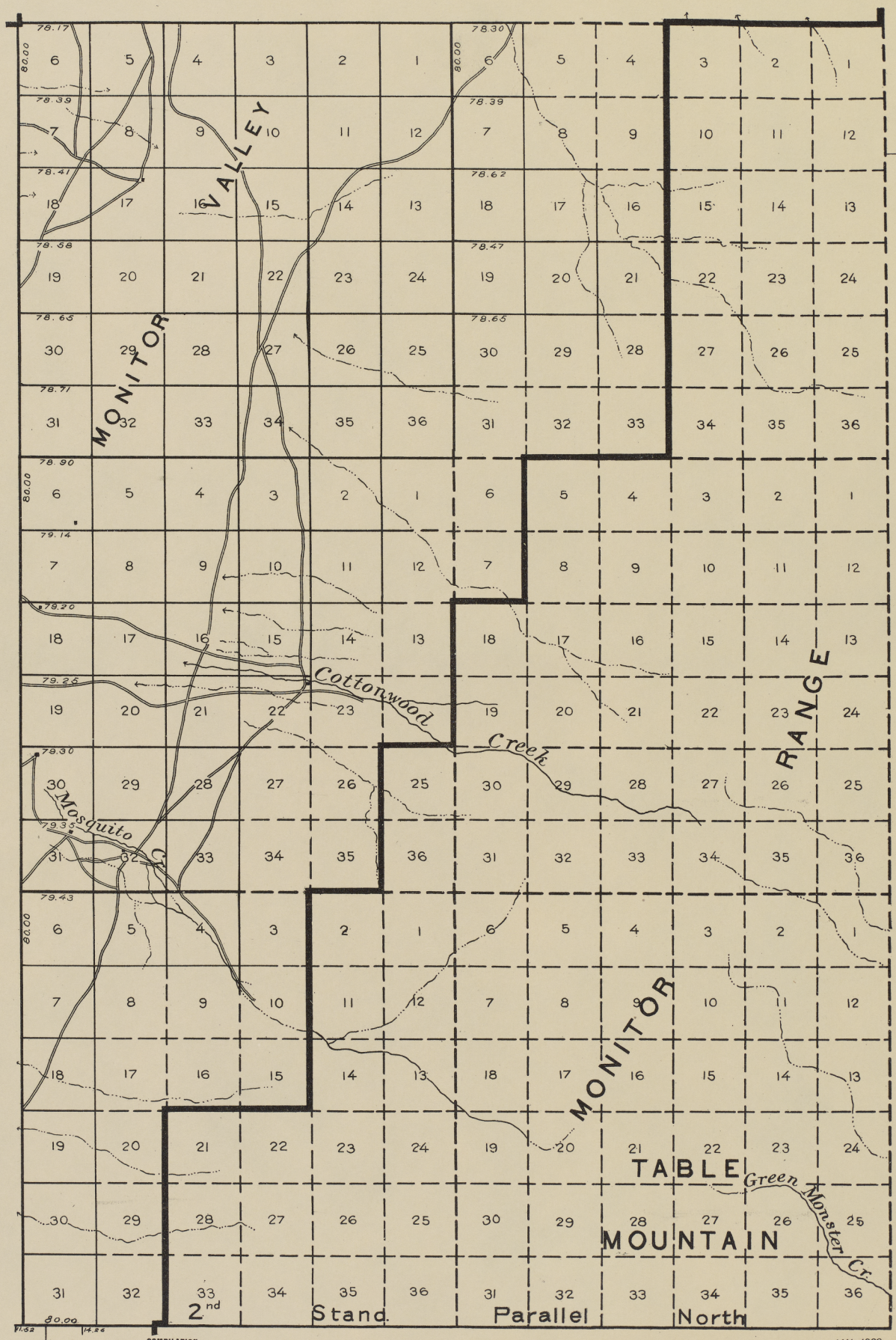

Chalk Wells Station
CHURCHILL CO.
ESMERALDA CO.
NYE CO.
LANDER CO.
BOUNDARY LINE
Porters Station
ELLSWORTH AND CHALK WELLS ROAD
ELLSWORTH AND GOLD PARK ROAD
VALLEY
WADSWORTH ROAD
LODI VALLEY
LODI TANK Spring
Big Spring
Ellsworth
CEMETERY
M.P. 392
1928A
M.P. 398
2066A
Sherman Peak
IONE
Craig Station (abandoned)
Fowle Spring
Green Sprs.
Downeyville (abandoned)
PARADISE RANGE
McGorey Spring
Antelope Spr.
WELL
T. 14 N.
T. 13 N.
T. 12 N.
39°00'
117°45'
R. 36 E.
R. 37 E.
R. 38 E.
TOIYABE
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909

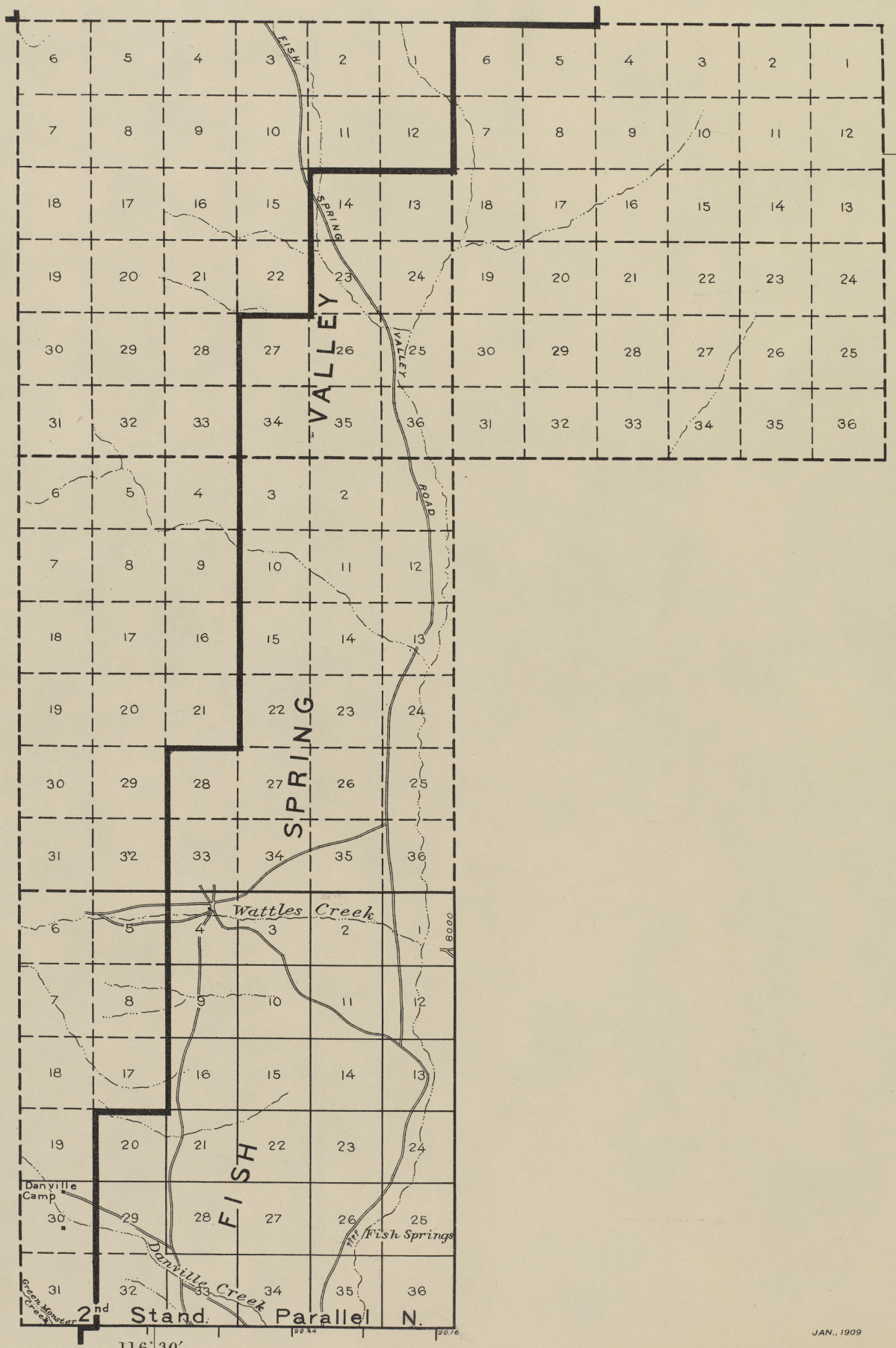

Midas
New York Canyon
Derringer
Blacksmith Shop
6656
Clear Creek
River
Stewart
Creek
Lone Canyon
Lone
7365
Spanish Spr.
Spring
B.M.
6727
Keough Ranch
Bell Ranch
Mt. Berlin
B.M.
7976
9081
Berlin
B.M.
6683
Union Canyon
SHOSHONE MOUNTAINS
8794
Reese
Illinois Creek
Welch Ranch
Spring
6946
Warner Ranch
Grantsville
S.M.P.
Well
Indian Creek
Spring
8852
Spring
Sly Ranch
INDIAN VALLEY
2nd. Stand. Parallel North
39°00′
T. 13 N.
T. 12 N.
T. 11 N.
117°30′
R. 39 E.
R. 40 E.
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909
TOIYABE

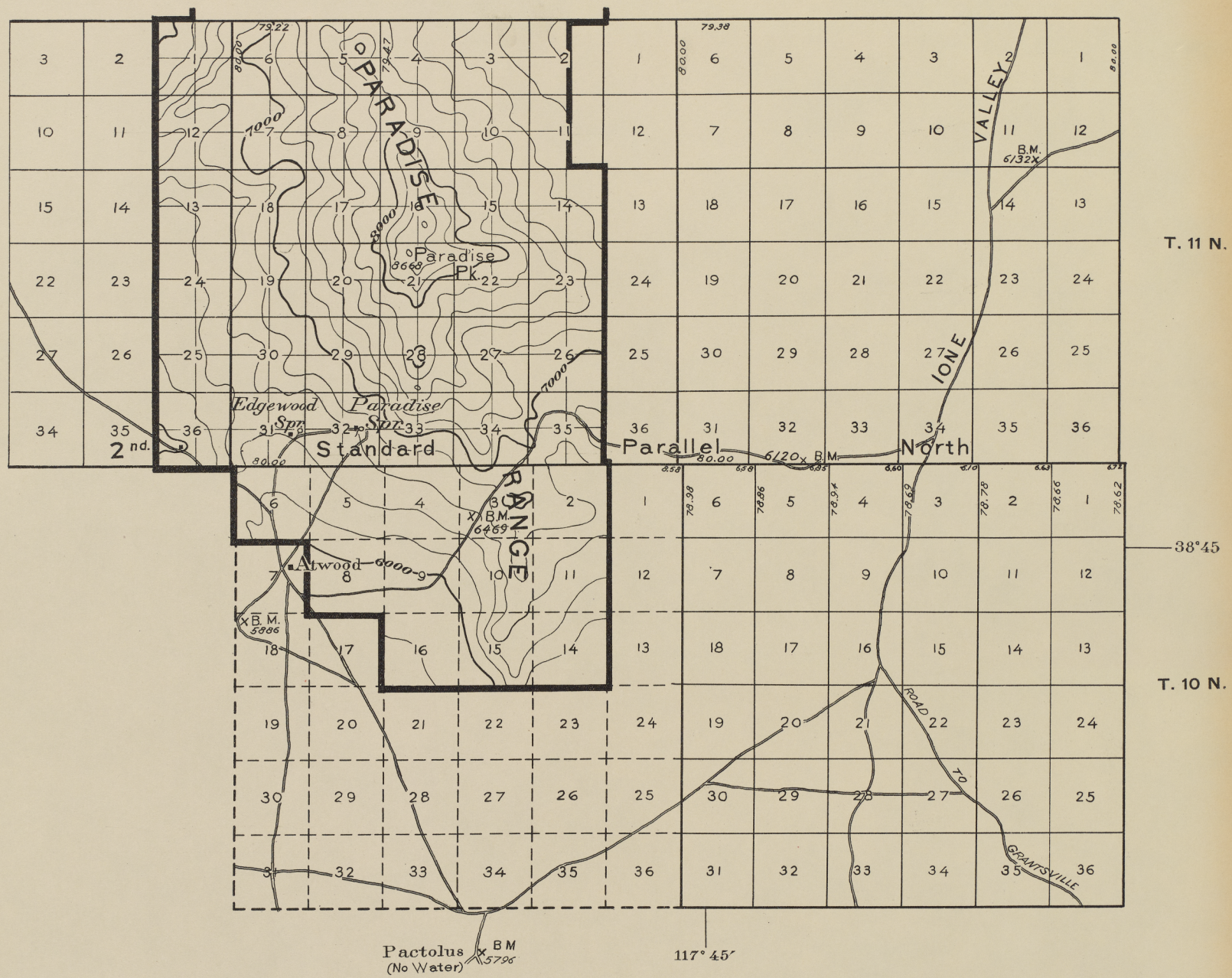

Mohawk Cr.
New York Canyon
Mohawk Canyon
Crane Canyon
Summit Creek
Hercules Cr.
Ophir Creek
Clear Creek
Wisconsin Cr.
Last Chance Cr.
Stewart Creek
Illinois Cr.
TOIYABE RANGE
North Twin River
South Twin River
Belcher Canyon
Cove Canyon
Arc Dome
Reese River
Broad Creek
Millet Ranch
6002
B.M. 7430
Gooding Ranch
B.M. 6282
B.M. 10115
M.P. 504
Meridian
Guide
River
2nd Stand Parallel North
39°00'
T. 13 N.
T. 12 N.
T. 11 N.
R. 41 E.
R. 42 E.
11 7 15'
TOIYABE
JAN., 1909
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats


ALKALI FLAT
5443'
Guide Meridian
N. Twin R.
Twin R.
S.
C. Smith
Graham
ROAD TO MOSQUITO VALLEY
Big Blue Spring
Big Canyon
Moores
Creek
SMOKY VALLEY
5545
Reese River
Spring
Chryster
Stage Station
BM. 5509
Darrough's Hot Springs
Springs
Barker Creek
BIG
Willow Cr.
2nd BM 5640
Standard Parallel North
School
39°00'
T. 13 N.
T. 12 N.
T. 11 N.
117°00'
TOIYABE
R. 43 E.
R. 44 E.
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909

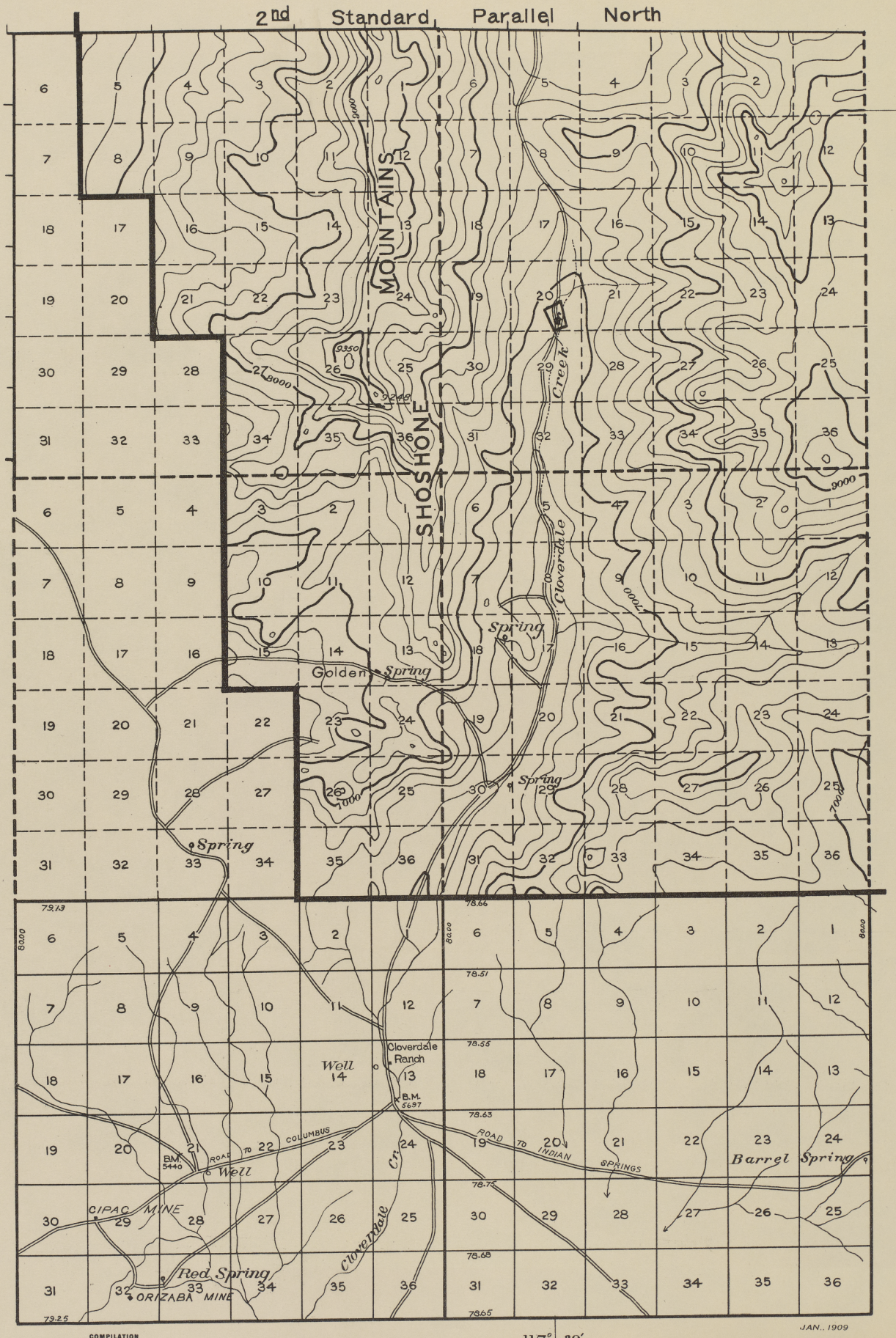

TOQUIMA RANGE
MONITOR VALLEY
Northumberland Gap
Northumberland Pass
Spring Br.
Charnack Pass
Duffy
Mt Jefferson
Pine Creek
Cr.
Branch
2nd Stand. Parallel North
39°00'
T. 13 N.
T. 12 N.
T. 11 N.
116°50'
TOIYABE
R. 45 E.
R. 46 E.
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909


MONITOR VALLEY
Cottonwood Creek
Mosquito Cr.
MONITOR RANGE
TABLE MOUNTAIN
Green Monster Cr.
2nd Stand. Parallel North
39°00'
T. 13 N.
T. 12 N.
T. 11 N.
116°45'
R. 47 E.
R. 48 E.
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909.
TOIYABE


FISH VALLEY SPRING
FISH SPRING
VALLEY ROAD
Wattles Creek
Danville Camp
Danville Creek
Fish Springs
Green Monster Creek
2nd Stand Parallel N.
39°00'
T. 13 N.
T. 12 N.
T. 11 N.
116°30'
R. 49 E.
R. 50 E.
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909
TOIYABE



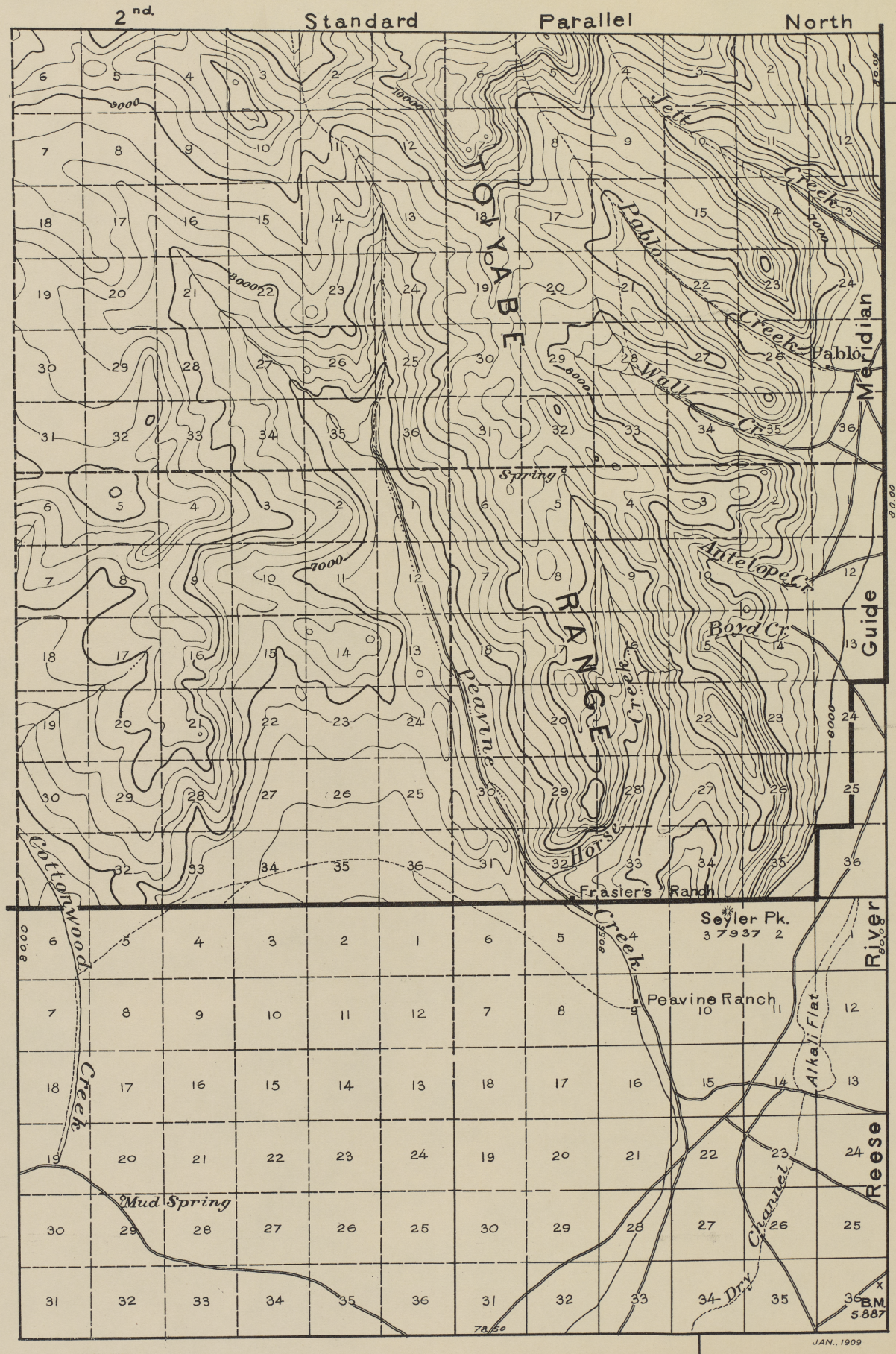
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

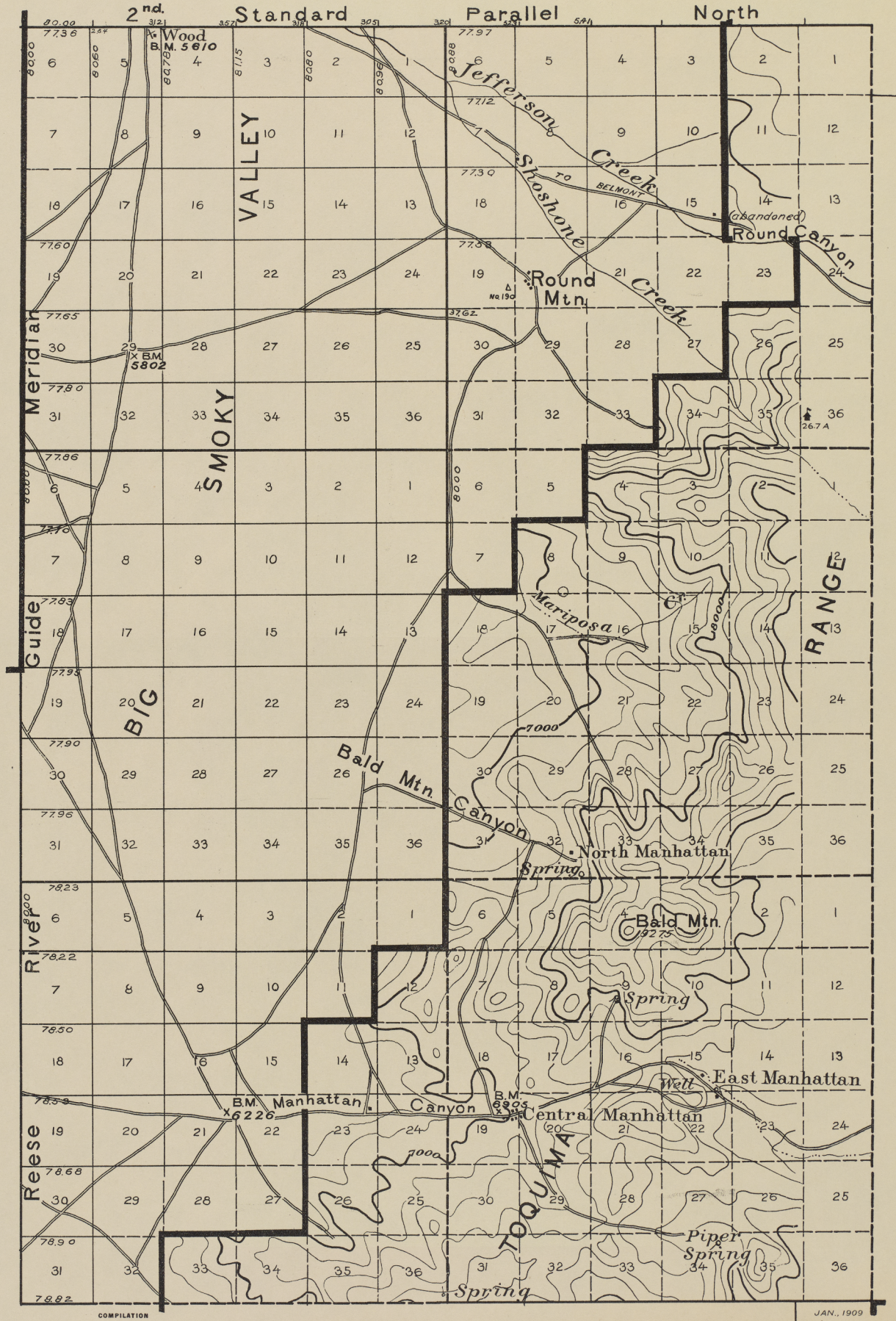


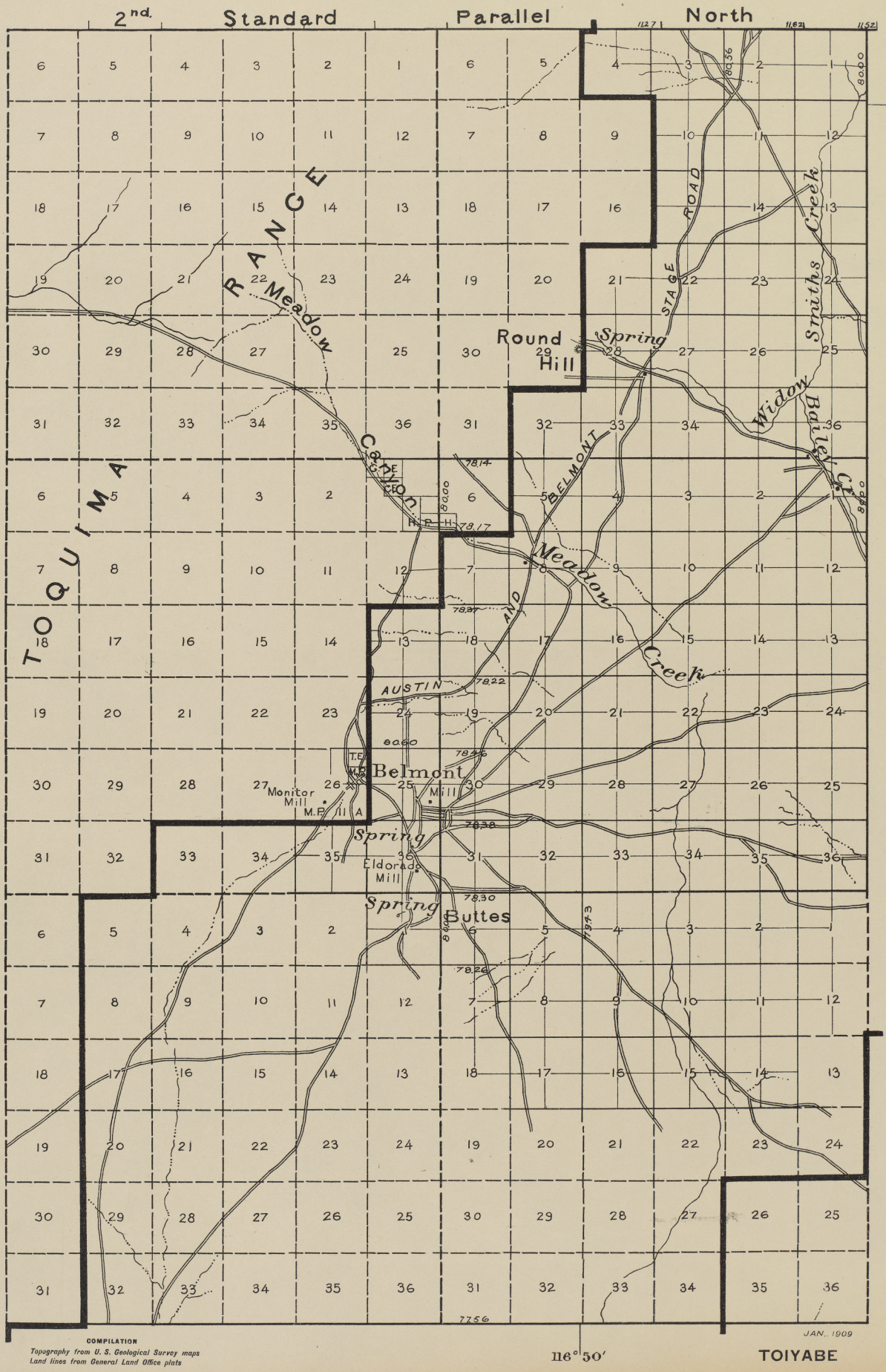
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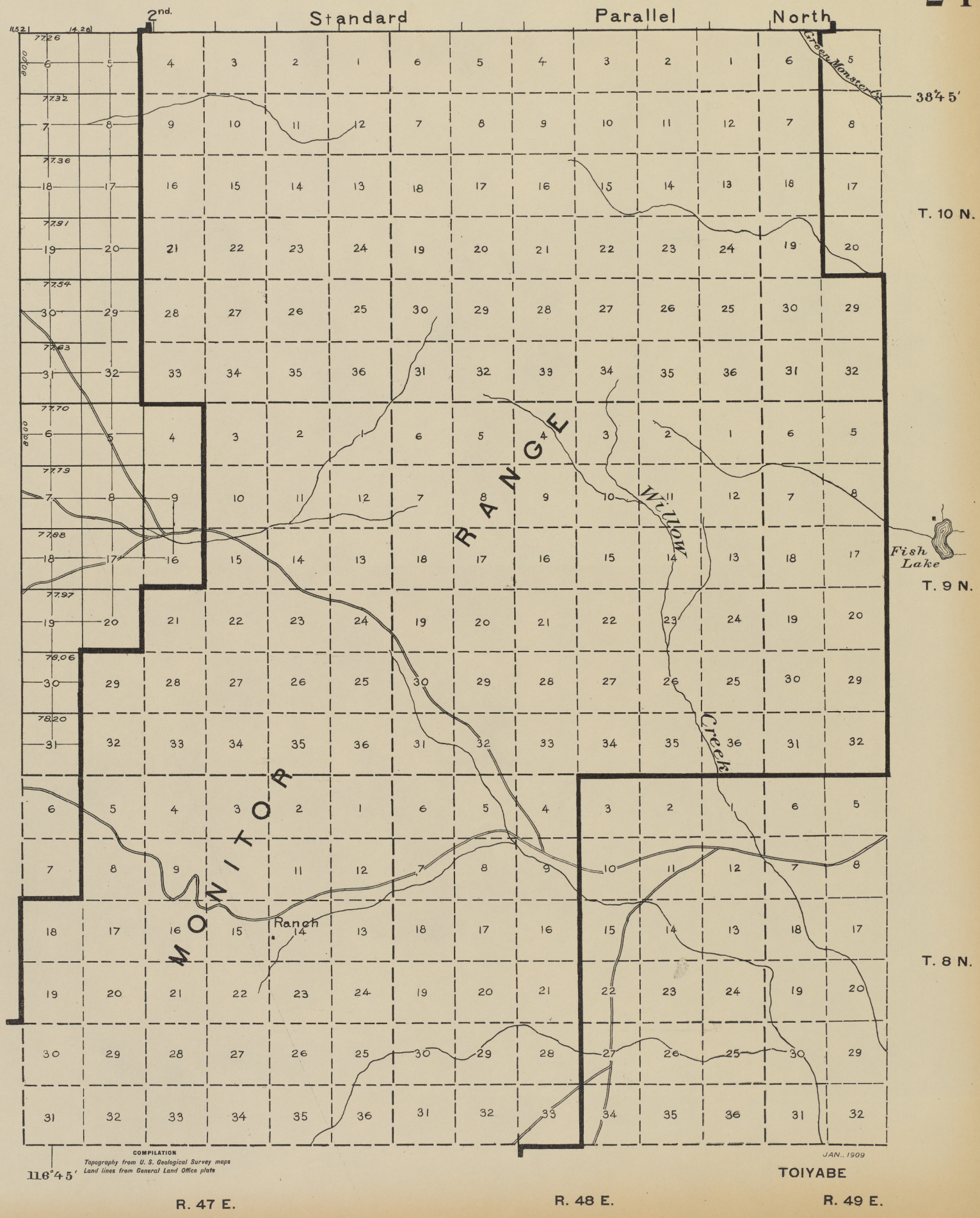
JAN., 1909

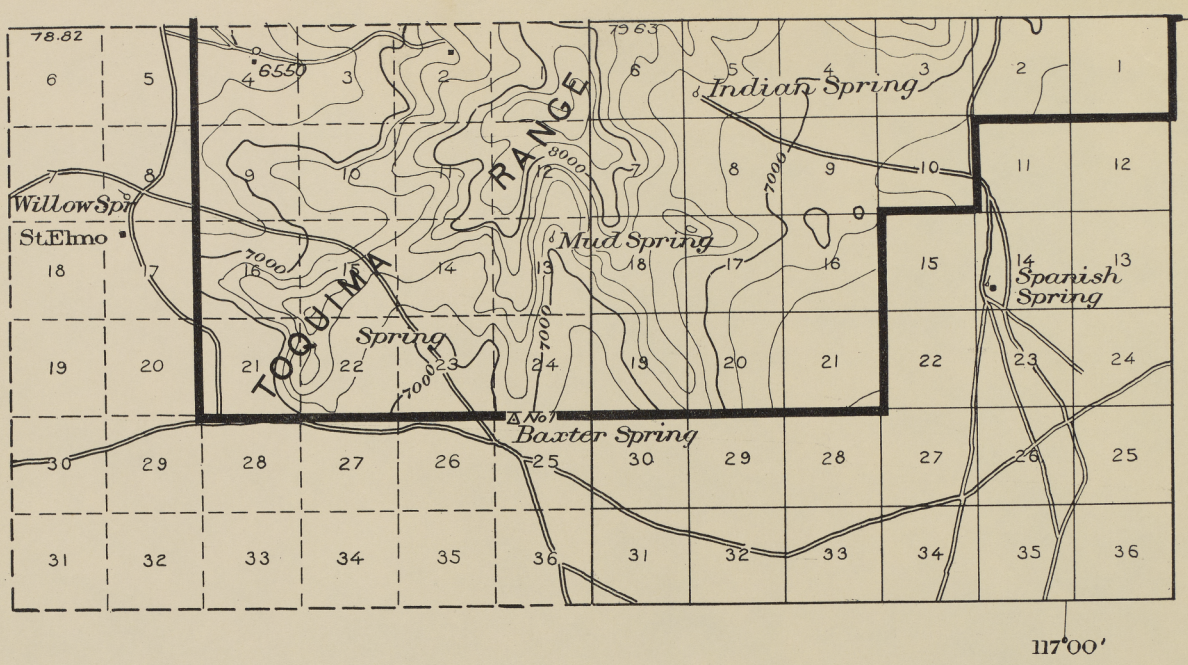
TOIYABE


2nd. Standard Parallel North
38°45'
T. 10 N.
T. 9 N.
T. 8 N.
TOIYABE RANGE
Jett Creek
Pablo Creek
Pablo Meridian
Wall Cr.
Spring
Antelope Cr.
Boyd Cr.
Guide
Peavine Creek
Horse Creek
Frasier's Ranch
Seyler Pk. 7937
Peavine Ranch
Cottonwood Creek
Alkali Flat
Reese River
Mud Spring
Dry Channel
B.M. 5887
117°15'
TOIYABE
R. 41 E.
R. 42 E.
JAN., 1909
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats


2nd. Standard Parallel North
Wood
B.M. 5610
Jefferson Creek
Shoshone Creek
To Belmont
(abandoned)
Round Canyon
Round Mtn.
B.M. 5802
Mount Diablo Meridian
SMOKY VALLEY
BIG SMOKY VALLEY
Guide
Mariposa
RANGE
Bald Mtn Canyon
North Manhattan
Spring
Bald Mtn.
Spring
River
Reese
B.M. Manhattan
6226
Canyon
B.M. 8905
Central Manhattan
East Manhattan
Well
TOQUIMA
Piper Spring
Spring
T. 10 N.
T. 9 N.
T. 8 N.
38°45'
117°00'
R. 43 E.
R. 44 E.
TOIYABE
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909


2nd. Standard Parallel North
TOQUIMA RANGE
Meadow Canyon
Round Hill
Spring
STAGE ROAD
Smiths Creek
Widow
Bailey Cr.
BELMONT
Meadow Creek
AUSTIN
Belmont
Monitor Mill
M.P. III A
Mill
Spring
Eldorado Mill
Spring
Buttes
38°45'
T. 10 N.
T. 9 N.
T. 8 N.
116°50'
TOIYABE
R. 45 E.
R. 46 E.
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909


2nd. Standard Parallel North
Green Monsters
38°45'
T. 10 N.
T. 9 N.
T. 8 N.
Fish Lake
Willow Creek
MONITOR RANGE
Ranch
116°45'
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909
TOIYABE
R. 47 E.
R. 48 E.
R. 49 E.



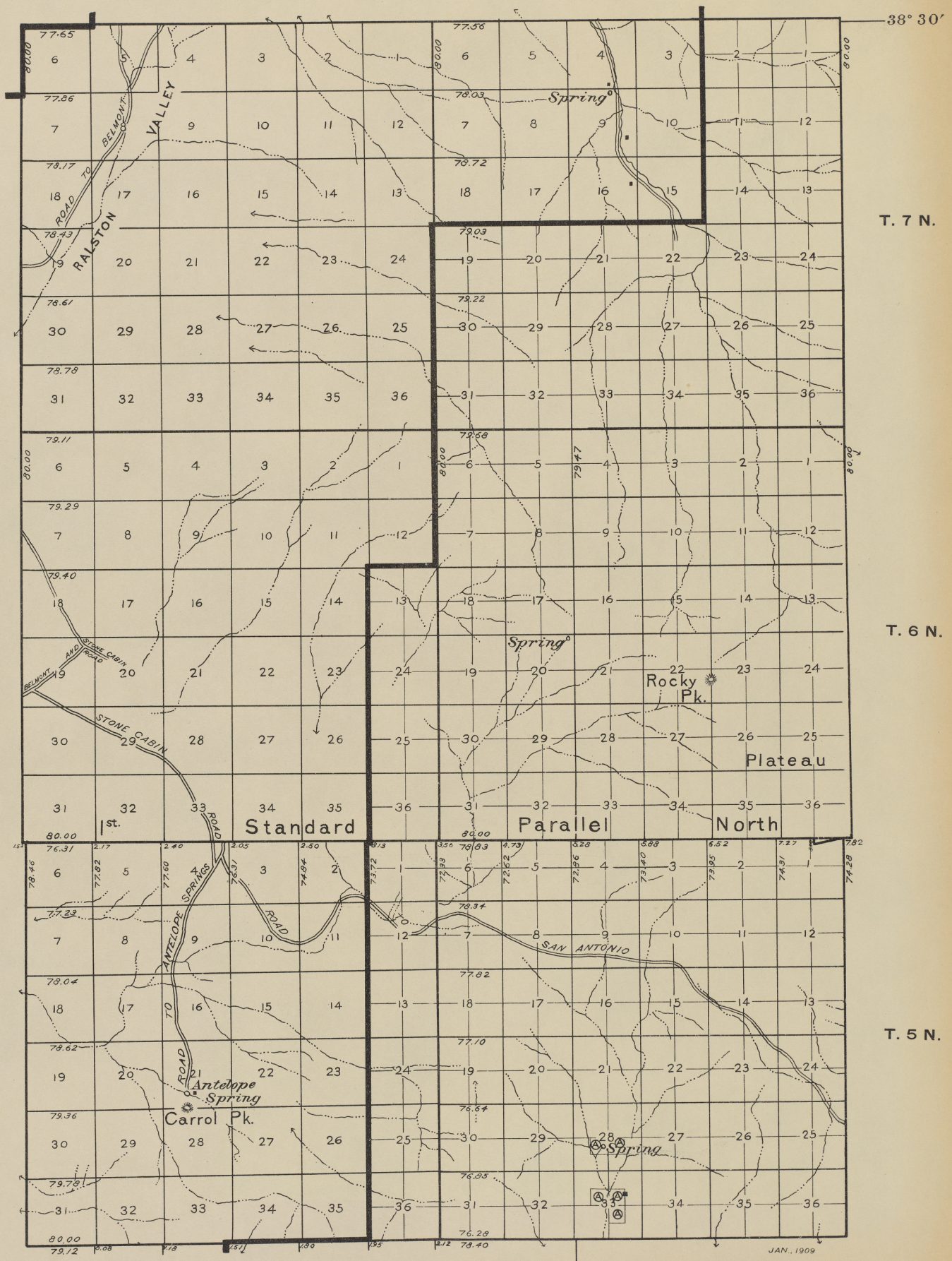
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

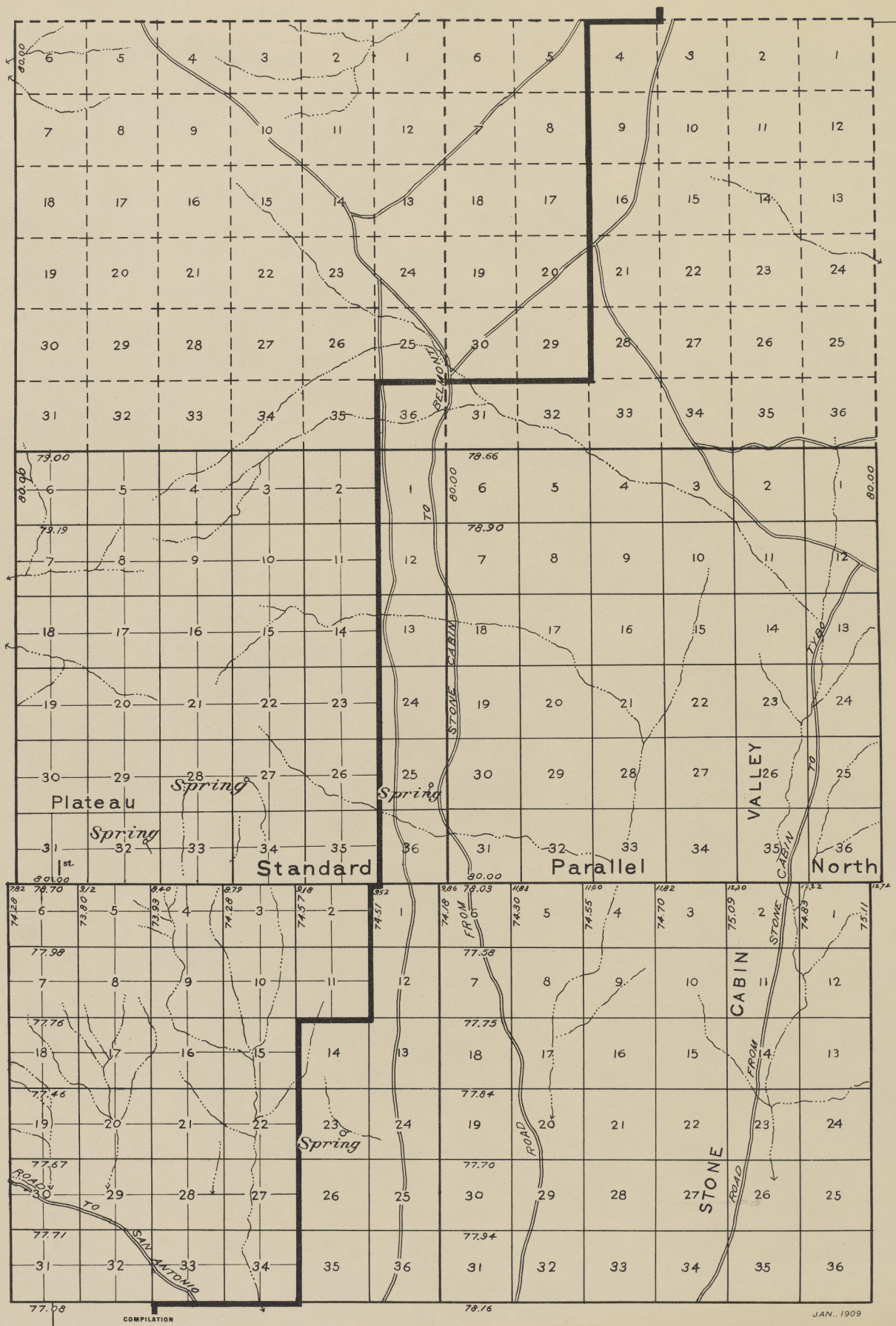
JAN., 1909

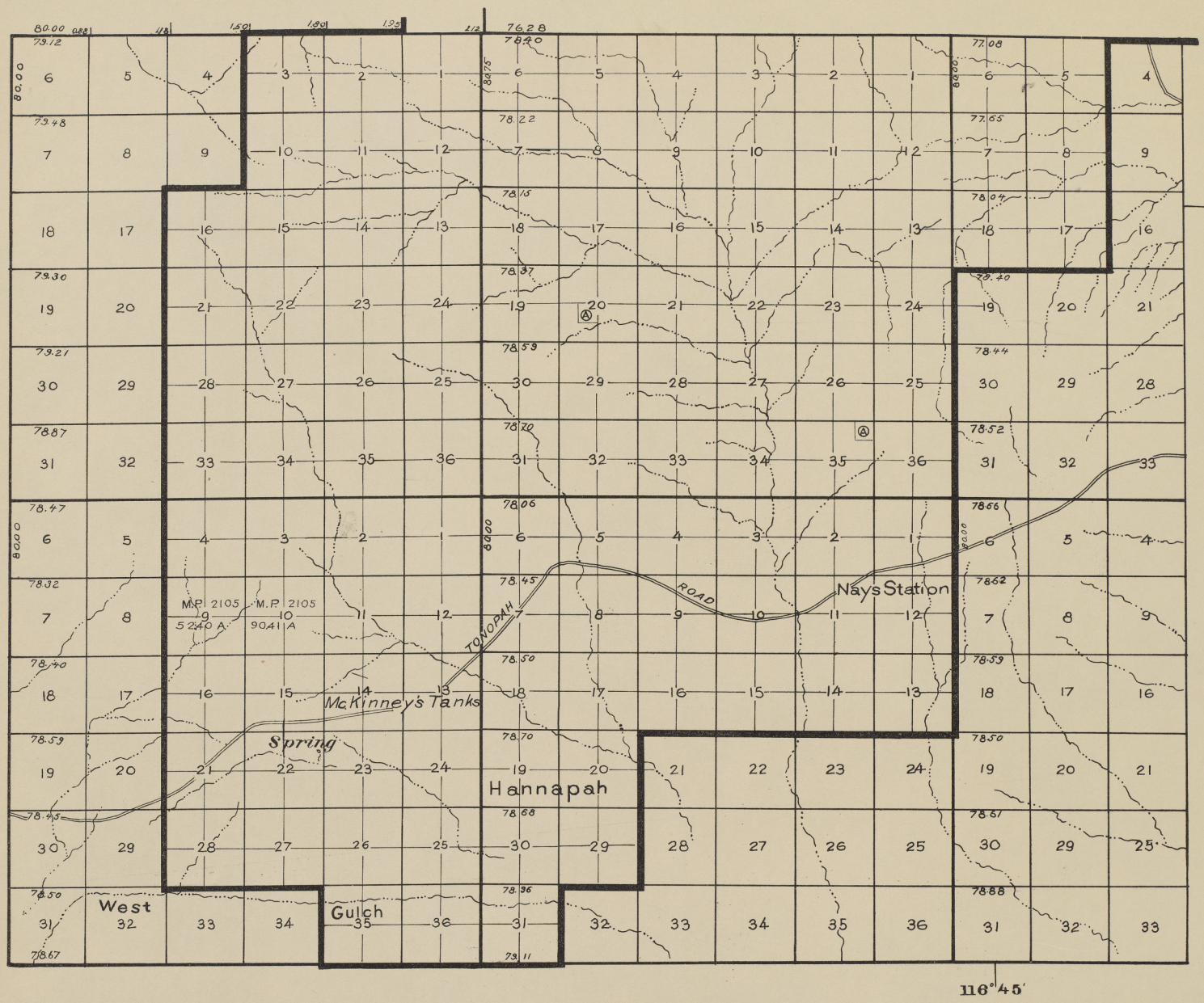
TOIYABE

R. 43 E.

R. 44 E.


38° 30′
T. 7 N.
T. 6 N.
T. 5 N.
116° 50′
R. 45 E.
R. 46 E.
RALSTON VALLEY
ROAD TO BELMONT
Spring
BELMONT AND STONE CABIN ROAD
STONE CABIN ROAD
Rocky Pk.
Plateau
1st. Standard Parallel North
ANTELOPE SPRINGS ROAD
TO ANTELOPE SPRING
Antelope Spring
Carrol Pk.
SAN ANTONIO
Spring
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909
TOIYABE


38° 30′
T. 7 N.
T. 6 N.
T. 5 N.
Plateau
Standard
Parallel
North
VALLEY
STONE CABIN
FROM STONE CABIN TO TYBO
FROM SELLMONT TO STONE CABIN
Spring
Spring
Spring
Spring
ROAD TO SAN ANTONIO
ROAD FROM STONE CABIN
ROAD
1st.
80.00
79.00
78.66
78.90
79.19
78.70
78.03
77.98
77.58
77.76
77.75
77.46
77.84
77.67
77.70
77.71
77.94
77.08
78.16
COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats
JAN., 1909
TOIYABE
116° 45′
R. 47 E.
R. 48 E.



COMPILATION
Topography from U. S. Geological Survey maps
Land lines from General Land Office plats

JAN., 1909

TOIYABE

R. 45 E. R. 46 E. R. 47 E.